FREECOM

USER MANUAL

NETWORK MEDIAPLAYER 350 WLAN

EXTERNAL MULTIMEDIA HARD DRIVE / 3.5" / USB 2.0 / (W)LAN / AV

WIN & MAC

Rev. 740

EN

Dear customer,

Thank you for buying the **Freecom MediaPlayer**, a brand-new digital multimedia player that supports dual data access mode via 3.5" HDD inside (not supplied with "Drive In Kit"-model) and 10/100Mbps Network. With this Freecom MediaPlayer you can easily enjoy Digital Movies, Digital Music, Digital Photos from a 3.5" HDD (when assembled in the device) and from all PC's in your network, directly on your TV or HiFi set.

Freecom Technologies • Germany
www.freecom.com

Warning !

All rights reserved. The products named in this manual are only used for identification purposes and may be trademarks or registered trademarks of the respective companies. This device was designed for home or office use.

Warning! This device is equipment complying with EN55022 class A. This equipment can cause radio disturbances in a residential area. If this is the case, the user has to take appropriate measures and assume all responsibility and costs for. It may not be used near or with any life-sustaining systems.

Freecom Technologies is not liable for any damages that may occur from the use of a Freecom system. All rights reserved. We reserve the right to upgrade our products in keeping with technological advances.

EN

User manual

General Information ..... page 5
Warnings and Safety Instructions ..... page 9
Product Overview ..... page 10

Chapter 1:

Use as External USB HDD ..... page 12
- Insert the Hard Disk (only Drive-In Kit) ..... page 12
- Connect the Freecom MediaPlayer to the PC ..... page 13
- Format Built-in HDD via USB ..... page 13
- Copy Data via USB ..... page 20

Chapter 2:

Access PC via Network ..... page 23
- Connect LAN Cable ..... page 23
- Set Network Configurations ..... page 24
- Wireless LAN Connection ..... page 24

Chapter 3:

Shared File Playback (Stream) ..... page 29
- Windows 2000 ..... page 29
- Windows XP ..... page 34
- Windows Vista ..... page 40

Chapter 4:

Use as Network Storage (NDAS) ..... page 45

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EN

Chapter 5:

Freecom Network MediaPlayer for Mac ..... page 50
- USB 2.0 Mode ..... page 50
- NDAS Mode ..... page 50
- NDAS Device Registration ..... page 54
- NDAS Utility ..... page 55
- Using Freecom MediaPlayer ..... page 56
- Using Freecom MediaPlayer in a Mixed Environment ..... page 58
- Uninstall ..... page 59
- Partitioning your Freecom MediaPlayer under Mac OS X ..... page 60
- FAQ Mac ..... page 60

Chapter 6:

Connect to External AV Device ..... page 63
- Connect Video Cable ..... page 63
- Connect Audio Cable ..... page 64
- Basic Setup ..... page 65
- How to Play (Remote Control) ..... page 87

Chapter 7:

Technical Specifications ..... page 105

General Information

The Freecom MediaPlayer WLAN fully supports HD (High Definition) files for a really clear and sharp picture on LCD TV (HDTV support required) and can stream the contents from a PC/Network through Wireless LAN (802.11g) or Wired LAN. It also features a USB Host port for attaching external USB Storage.

- Wireless High Definition Multimedia Player
- The latest and powerful media decoding chip -Sigma Design EM8621 Chip
- Full HD file playback up to 1920 x 1080i
- NDAS (Network Direct Attached Storage) supporting file copy/delete with wireless/ wired LAN
- IEEE 802.11g (54Mbps), 802.11b (11Mbps) wireless standard / 10/100Mbs wired LAN
- Wireless security - WEP (Wired Equivalent Privacy)
- Wireless Infrastructure and Ad-Hoc Mode
- Can also be used as external USB 2.0 hard drive
- Read from external USB Storage devices via USB Host port.
- DVD Manager - Playback of DVD File same as Original DVD title
- Video output - DVI, Component, S-Video and Composite
- Audio output – Stereo, Digital Coaxial & Optical 5.1 ch. Sound, DTS down mix to stereo
- Easy Firmware Upgrade

Package Content

- Freecom MediaPlayer
- Wireless Antenna
- Footstand
- Remote controller, battery
- AV cable (composite + stereo cable)
- USB cable (for connecting to PC)
- Power adapter
- Manual & Application CD with user and safety manual

Minimum System Requirements

PC:

- Intel Pentium III / AMD Duron 900 MHz or higher
- 256 MB RAM (Vista: 512 MB RAM) or higher
- Available USB 2.0, 1.1 Port (USB 2.0 recommended)*
- Available 10/100 Ethernet LAN Port, RJ-45 (100Mbps recommended) or WLAN
- LAN Cable (cross-wired or standard - see "2.1 Connect LAN Cable")
- 100Base-T full duplex switch for NDAS mode
- CD-ROM drive for installation
- For playback on TV, a TV with PAL or NTSC system is required.
- Support HDD: Compatible with a standard 3.5" IDE Hard Drive
- Internet connection for online warranty registration, software updates and downloads
- Operating system: Windows 2000, Windows XP, Windows Vista

Mac:

- PowerPC G3/G4/G5, Power Book G3/G4 or Intel Mac
- 256 MB RAM or higher
- Available USB 2.0, 1.1 Port (USB 2.0 recommended)*
- Available 10/100 Ethernet LAN Port, RJ-45 (100Mbps recommended) or WLAN
- LAN Cable (cross-wired or standard - see "2.1 Connect LAN Cable")
- 100Base-T full duplex switch for NDAS mode
- CD-ROM drive for installation
- For playback on TV, a TV with PAL or NTSC system is required.
- Support HDD: Compatible with a standard 3.5" IDE Hard Drive
- Internet connection for online warranty registration, software updates and downloads
- Operating system: Mac OS X v10.3 or higher

* USB 2.0 is downwards compatible to USB 1.1. To achieve optimal performance from the Freecom MediaPlayer your PC should be equipped with an USB 2.0 port.

Precautions

Please read the following in this manual carefully for proper use.

Copyright

- Freecom can not be held responsible for the use of illegal software, audio sources, video sources etc. The user and/or owner of the Freecom MediaPlayer is legally responsible for the content on the device.

Check supported codec

- The Freecom MediaPlayer may not play back all media files. Please check the codec type and ensure this is supported by the MediaPlayer. Please note that possible errors in the media file or use of unrecognized characters may result in improper playback.

Cautions for USB Device

- Connect the power adapter as well when you connect Freecom MediaPlayer to a PC.
- Do not connect the Freecom MediaPlayer with a USB cable of more than 3 metres long. Doing so may result in low transfer speeds and/or bad connection.
- We recommend you to use the supplied USB cable by our company.
- If you connect this device to USB 1.1 Host Adapter, the speed is USB 1.1 (Max. 12 Mbps), so we recommend you to connect to USB 2.0 for full speed of max. 480 Mbps.

Cautions for USB Host

- Not all USB devices may be supported by the USB Host port. Please check the compatibility before use or purchase.

Cautions when inserting a HDD

- Only 3.5" IDE type HDD can be used.
- Set the jumper of the HDD as "Master" mode and then insert it.
- If the HDD supports "Single Mode" then set the HDD as "Single Mode".
- We recommend you to use more than 6 GB HDD. In case you use a harddrive with less than 6 GB, it may cause data loss.

Cautions when using Network connection

- When the Freecom MediaPlayer is connected to a PC using the Windows file sharing option, be sure to use the Windows Network sharing function.
- The sharing function may not be functioning properly as a result of errors in Windows or the user's computer environment. Freecom can not be held responsible for this.
- Depending on user's network performance and computer environment, data transfer through network may have intermittent data cut-offs.
- Depending on user's wireless network performance and computer environment, data transfer through wireless network may have intermittent data cut-offs.

Cautions for possibility of causing Radio Waves to cross

- Freecom MediaPlayer may cause Radio Waves to cross, so it is recommended to be alert when you keep devices near the Freecom MediaPlayer. Especially concerning your health.

Data Backup

- We strongly recommend you to make a data backup to another safe medium. Freecom can not be held responsible for data damage or data loss on the built-in hard drive.

Cautions for drop, shock

- Do not drop the device. It may cause critical damage to the hard drive.

Do not insert materials

- Do not insert any material in the Freecom MediaPlayer. This may cause a defect or malfunction of the device.

Do not disassemble or modify

- Do not disassemble or modify the Freecom MediaPlayer.

Do not stack

- Do not place materials, devices or anything else on the Freecom MediaPlayer.

Cautions for exposure to water,moisture, etc

- Don't expose Freecom MediaPlayer to oil, water, dust, moisture or rain and wind. Turn off the Freecom MediaPlayer immediately if exposed to any moist substance or water.
- Do not expose the Freecom MediaPlayer to heat, keep away from heated areas. Place the Freecom MediaPlayer in well ventilated places.

Cautions for magnetic materials

- Keep all magnetic devices away from the Freecom MediaPlayer. Magnets or magnetic devices like speakers may erase or cause damage to data stored on the hard disk.

Warnings and Safety Instructions

Please read and follow the below mentioned instructions. They should be observed in order to prevent injury to the user, damage to the device and damage to property, as well as to ensure safe use of the product. Not following these instructions may cause the unit to malfunction.

To ensure that your Freecom MediaPlayer functions properly, please take note of the following precautions. If these are not followed, you may void your warranty and damage the Freecom MediaPlayer.

- Safely remove the Freecom MediaPlayer via your operating system - the "unplug or eject hardware" option in the Windows taskbar - before disconnecting the USB cable or power cable and before switching off the device. Failing to do so may result in data loss.
- Do not disconnect the Freecom MediaPlayer from the PC during file transfer. This may result in data loss and an error to the Freecom MediaPlayer. If this occurs, please run the ScanDisk utility.
- Do not drop the Freecom MediaPlayer or expose it to other kinds of sudden mechanical shocks as this may result in data loss and damage to the hard drive.
- Do not use the Freecom MediaPlayer when the ambient temperature is below 10°C or above 35°C.
- If the Freecom MediaPlayer is moved from a cool environment to a warmer environment, please allow the drive to acclimatize to the ambient temperature before operating the device. Failing to do so may lead to condensation within the drive enclosure, which in turn may cause the drive to malfunction.
- Do not place liquids or drinks on the Freecom MediaPlayer. When liquids are spilled and get in contact with the electronics within the drive enclosure, it will damage the drive and will cause the drive to malfunction.
- Do not use the Freecom MediaPlayer in a dusty environment. Dust inside the enclosure may damage the internal electronics and result in drive malfunction.
- Do not use the Freecom MediaPlayer near magnetic fields.
- The Freecom MediaPlayer may generate heat when used for a longer period of time.

Furthermore, warranty does not apply to:

- Damages or problems resulting from misuse, abuse, accident, alteration or incorrect electrical current or voltage.
- Any product tampered with or with a damaged warranty seal
- Any product without a warranty or serial number label.
- Batteries and any consumable items delivered with or in the equipment.

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Product Overview

1. Front View

All basic operation functions can be done with the buttons on the device without use of the remote control.

1.	ENTER	Select or play a file
2.	NAVIGATION KEY	Up, Down, Left, Right
3.	POWER	Power On, Off
4.	PLAY / PAUSE	Play all files from selected file / Pause
5.	STOP / INIT	Stop / Return to Mode Selection Screen
6.	IR	IR receiving area for remote signals
7.	PWR	Power LED
8.	NET	Network LED
9.	HDD	HDD LED

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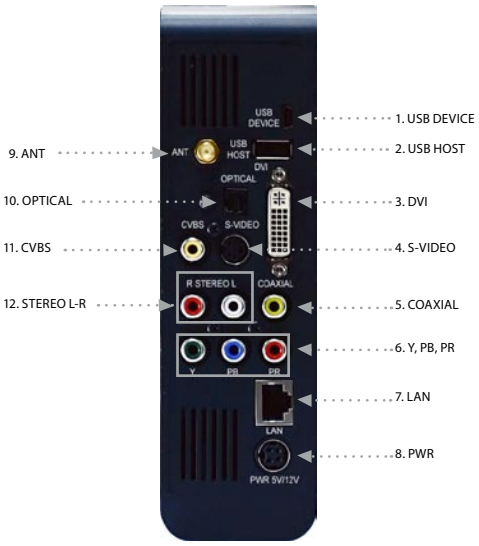
2. Rear View

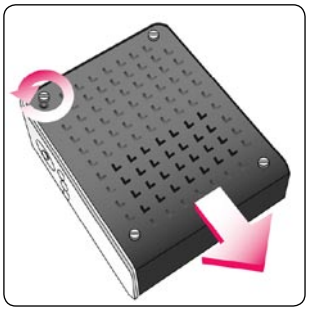


1.	USB DEVICE	Connect to a computer with USB cable
2.	USB HOST	Connect to an external USB device with USB cable
3.	DVI	Connect DVI cable for video output
4.	S-VIDEO	Connect S-Video cable for video output
5.	COAXIAL	Connect Coaxial cable for 5.1 ch. Digital audio output
6.	Y, PB, PR	Connect component Y, Pb, Pr cable for video output
7.	LAN	Connect LAN cable for wired networking
8.	PWR	Connect power adapter
9.	ANT	Connect wireless antenna for wireless networking
10.	OPTICAL	Connect Optical cable for 5.1 ch. Digital audio output
11.	CVBS	Connect Composite cable for video output
12.	STEREO L-R	Connect Stereo cable for audio output

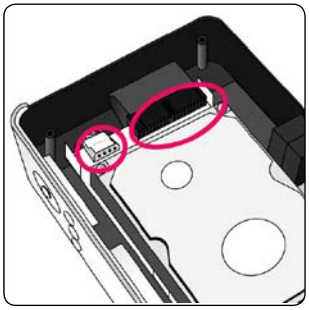
Chapter 1: Use as External USB HDD

1.1 Insert the Hard Disk (only Drive-In Kit)

- Only use a 3.5" IDE Hard Disk.
- Hard Disk should be jumpered as "Master". However, if the Hard Disk supports "Single mode", you need to try to set "Single mode".



1. Unscrew the 4 screws and open the cover by sliding it in the direction of the arrow.



2. Connect Power and IDE 40-pin connector to Hard Disk.

3. Close the cover by sliding it in the direction of the arrow.

4. Put the 4 screws back.

1.2 Connect the Freecom MediaPlayer to the PC

1. Connect the USB cable to the Freecom MediaPlayer and connect the power adapter to the DC jack on the Freecom MediaPlayer.
2. Connect the adapter into an AC outlet.
3. Connect the Freecom MediaPlayer to the PC's USB port.
4. Switch the power on by pressing the power on-off button on the Freecom MediaPlayer.
5. Windows 2000, Windows XP and Windows Vista will recognize the Freecom MediaPlayer as a USB drive; you can use the Freecom MediaPlayer without installing a driver. If the Freecom MediaPlayer is not recognized or detected, please check that the USB connector is properly connected to the device and the PC.

1.3 Format Built-in HDD via USB

File System features

Please refer to the tables below for an overview:

File systems supported by different operating systems

File system / Operating system	FAT	FAT32	NTFS
Windows 98SE	yes	yes	not supported
Windows ME	yes	yes	not supported
Windows 2000	yes	yes	yes
Windows XP / Vista	yes	yes	yes

Maximum size of a partition

Operating system \ File system	FAT	FAT32	NTFS
Windows 98SE	2 GB	60 GB *1, 2	n.a.
Windows ME	2 GB	2 TB *2	n.a.
Windows 2000	4 GB *3	32 GB	16 TB
Windows XP / Vista	4 GB *3	32 GB	16 TB

Example for different partitions with different file systems on one Freecom MediaPlayer

Operating system \ File system	NTFS	FAT32
120 GB	90 GB	30 GB

The example above is a good solution for Windows 2000/XP/Vista users who sometimes exchange data with Windows 98SE/ME PCs.

For storing the data under Windows 2000/XP/Vista both partitions can be used. As the NTFS file system is not recognized by Windows 98SE/ME data to be used on these operating systems must be stored on the FAT32 partition.

Please follow the steps below to adapt the Freecom MediaPlayer for your needs.

If the built-in HDD is not formatted, the PC can not detect the hard disk drive. If so, format the hard disk first referring to the following guide. If the hard disk drive is already formatted, see "Copy Data via USB".

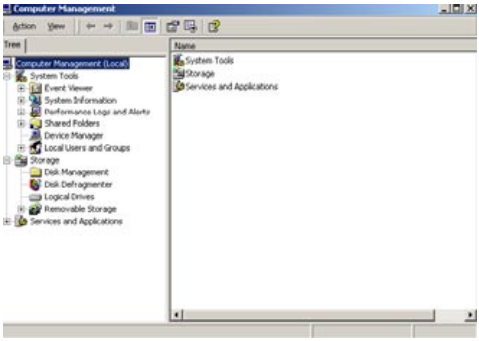
*1: A patch for Windows 98SE is required for hard disk larger than 60 GB. Further information and an update to fix this problem can be found in article 263044 of the "Microsoft Knowledge Base"on the Microsoft Website under http://support.microsoft.com.

*2: Hard disk capacity will not be displayed correctly by fdisk!

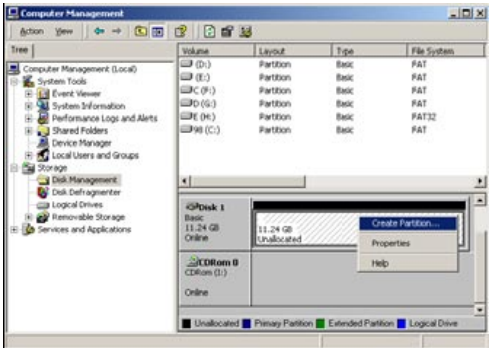
*3: FAT partitions larger than 2 GB can only be administrated by Windows 2000/XP/Vista.

1.3.1 Windows 2000

1. Connect Freecom MediaPlayer to PC via USB cable, and plug power cable of Freecom MediaPlayer.
2. Select "Start > Settings > Control Panel > Administrative Tools > Computer Management > Disk Management" in Windows.



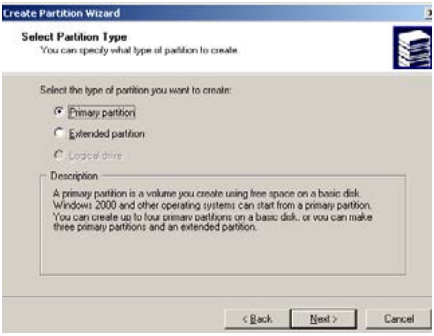
3. If the "Disk Signature and Upgrade Disk Wizard" is started, click Next to progress for finishing the wizard. If this wizard does not start, right click the left area of unallocated drive and start the wizard.
4. After finishing the "Disk Signature and Upgrade Disk Wizard", right-click the Unallocated Drive and then, click "Create Partition".



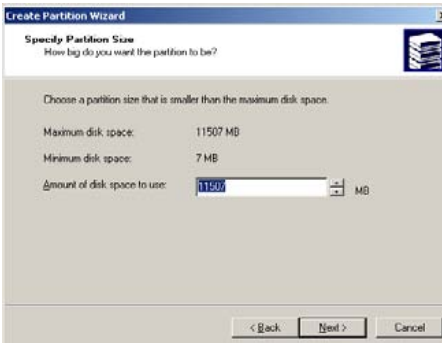
5. Click "Next" at the Windows Create Partition Wizard.

Create Partition Wizard
Welcome to the Create Partition Wizard
This wizard helps you create a partition on a basic disk.
A basic disk is a physical disk that contains primary partitions, extended partitions, and logical drives. A basic disk may also contain volumes created with Windows NT 4.0 and earlier. You can also use MS-DOS to gain access to partitions on basic disks.
To continue, click Next.
< Back
Next >
Cancel

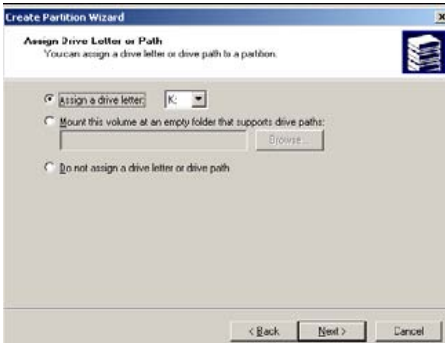
6. Check "Primary Partition" and click "Next".


Create Partition Wizard
Select Partition Type
You can specify what type of partition to create.
Select the type of partition you want to create:
Primary partition
Extended partition
Logical drive
Description
A primary partition is a volume you create using free space on a basic disk. Windows 2000 and other operating systems can start from a primary partition. You can create up to four primary partitions on a basic disk, or you can make three primary partitions and an extended partition.
< Back
Next >
Cancel

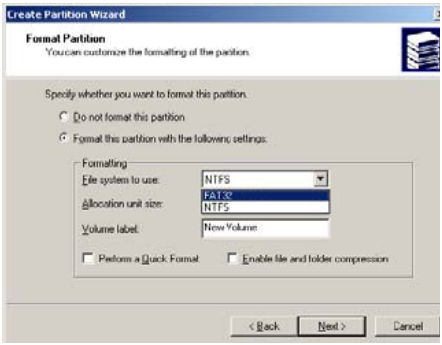
7. Type the size that you want to use and click "Next".


Create Partition Wizard
Specify Partition Size
How big do you want the partition to be?
Choose a partition size that is smaller than the maximum disk space.
Maximum disk space: 11507 MB
Minimum disk space: 7 MB
Amount of disk space to use: 11507 MB
< Back
Next >
Cancel

8. Assign a drive letter and click "Next".


Create Partition Wizard
Assign Drive Letter or Path
You can assign a drive letter or drive path to a partition.
Assign a drive letter:
K:
Mount this volume at an empty folder that supports drive paths:
Browse...
Do not assign a drive letter or drive path
< Back
Next >
Cancel

9. Choose FAT32 or NTFS at File system to use and click "Next".



FAT 32 system is available on Windows 98/ME and Windows 2000/XP/Vista, but NTFS system is available on Windows 2000/XP/Vista only.

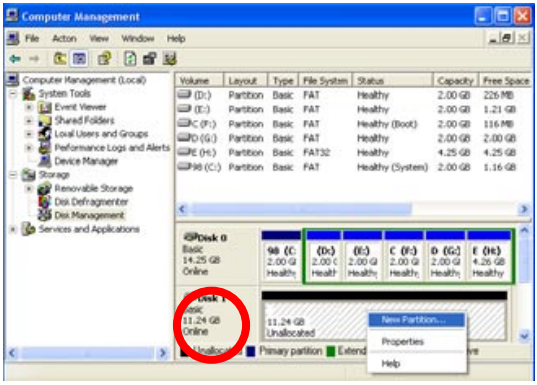
If you choose FAT32 system on Windows 2000/XP/Vista, one drive letter's maximum size will be limited to 32GB. If you want to use one drive letter of 32GB more, you have to format on Windows 98SE/ME.

If you want to create two or more partitions with one disk drive, it will be recommended "Primary Partition".

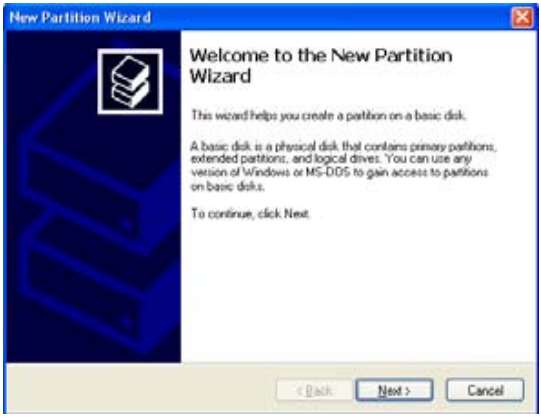
10. After finishing Wizard setup, formatting will be progressed automatically.

1.3.2 Windows XP / Vista

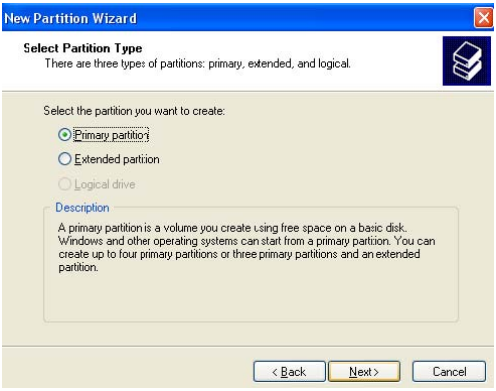
1. Connect Freecom MediaPlayer to PC via USB cable, and plug power cable of Freecom MediaPlayer.
2. Click "Settings > Control Panel > Administrative Tools > Computer Management> Disk Management" in Windows. If you can not find Administrative Tools at Control Panel, click "switch to classic view" in the upper left corner on the screen.
3. If the "Disk Signature and Upgrade Disk Wizard" starts, click "Next" to progress for finishing the wizard. If this wizard does not start, right click the marked left area of unallocated drive and start the wizard.
4. After finishing the "Disk Signature and Upgrade Disk Wizard", Right-click the 'Unallocated' Drive. And then, click "New Partition".



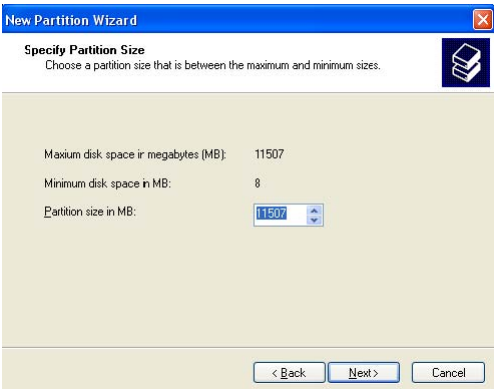
5. Click "Next" at the New Partition Wizard.


New Partition Wizard
Welcome to the New Partition Wizard
This wizard helps you create a partition on a basic disk.
A basic disk is a physical disk that contains primary partitions, extended partitions, and logical drives. You can use any version of Windows or MS-DOS to gain access to partitions on basic disks.
To continue, click Next.
< Back
Next >
Cancel

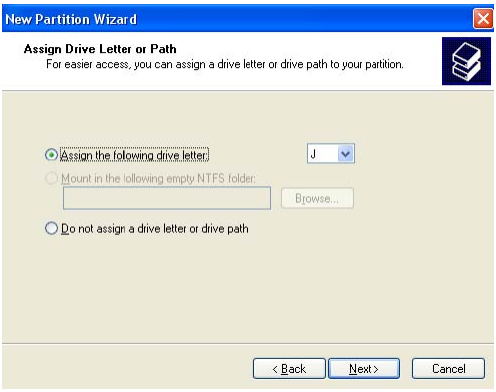
6. Check "Primary partition" and click "Next".


New Partition Wizard
Select Partition Type
There are three types of partitions: primary, extended, and logical.
Select the partition you want to create:
Primary partition
Extended partition
Logical drive
Description
A primary partition is a volume you create using free space on a basic disk. Windows and other operating systems can start from a primary partition. You can create up to four primary partitions or three primary partitions and an extended partition.
< Back
Next >
Cancel

7. Type number size you want to use and click "Next".


New Partition Wizard
Specify Partition Size
Choose a partition size that is between the maximum and minimum sizes.
Maxium disk space in megabytes (MB): 11507
Minimum disk space in MB: 8
Partition size in MB: 11507
< Back
Next >
Cancel

8. Assign a drive letter and click "Next".


New Partition Wizard
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.
Assign the following drive letter: J
Mount in the following empty NTFS folder:
Browse...
Do not assign a drive letter or drive path
< Back
Next >
Cancel

9. Choose FAT32 or NTFS at File system to use and click "Next".

New Partition Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this partition, and if so, what settings you want to use.
Do not format this partition
Format this partition with the following settings:
File system:
FAT32
Allocation unit size:
FAT32
NTFS
Volume label:
New Volume
Perform a quick format
Enable file and folder compression
< Back
Next >
Cancel

FAT32 system is available on Windows 98/ME and Windows 2000/XP/Vista, but NTFS system is available on Windows 2000/XP/Vista only.

If you choose FAT32 system on Windows 2000/XP/Vista, one drive letter's maximum size will be limited to 32GB. If you want to use one drive letter of 32GB more, you have to format on Windows 98SE/ME.

If you want to create two or more partitions with one disk drive, it will be recommended "Primary Partition".

10. After finishing Wizard setup, formatting will be progressed automatically.

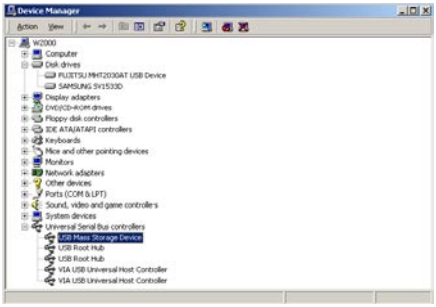
1.4 Copy Data via USB

It is possible to use the Freecom MediaPlayer as an external USB hard disk drive. You can copy data from your PC to built-in HDD of Freecom MediaPlayer via USB. It is possible to play media files at the hard disk on TV set.

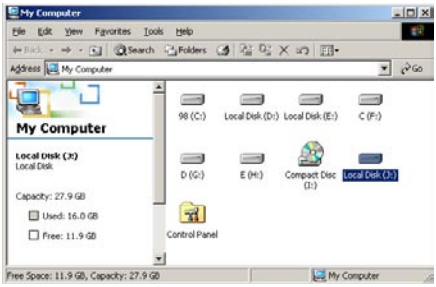
When connecting to a PC, you have to connect power cable of Freecom MediaPlayer.

1.4.1 Windows 2000/XP/Vista

1. After connecting Freecom MediaPlayer and plug power cable, Windows itself will install driver automatically. And then, check the driver installation at Windows "Start > Settings > Control panel > (switch to classic View on Windows XP/Vista) > System > Hardware > Device manager > Universal Serial Bus controllers > USB Mass Storage Device".

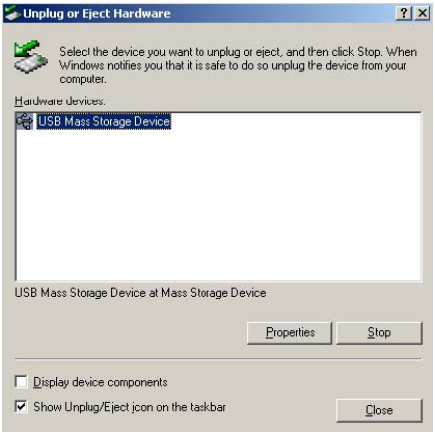


2. Check 'My Computer' or 'Explorer', there should be a new volume. You can copy any data to this volume.



If new volume does not appear, check if HDD is formatted. Windows 2000/XP/Vista can detect both FAT32 and NTFS file system.

3. After copying data, remove the Freecom MediaPlayer by using the "safely remove hardware" option in the Windows task bar. If you don't follow this procedure, data and Freecom MediaPlayer may get damaged.


Unplug or Eject Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
USB Mass Storage Device
USB Mass Storage Device at Mass Storage Device
Properties
Stop
Display device components
Show Unplug/Eject icon on the taskbar
Close

When you see 'Non High-Speed USB Hub Message'

The message will be displayed on Windows 2000/XP/Vista when you plug Freecom MediaPlayer into USB 1.1 spec. Host adapter.

1.4.2 Mac

It can be available on Mac OS X v10.3 or higher.

There is no need to install the installation driver at Mac OS X 10.3 version. The Freecom MediaPlayer will be detected automatically. If the Freecom MediaPlayer is detected correctly, an icon appeers on the desktop.

To remove the Freecom MediaPlayer safely, drag the icon to the trash and unplug the Freecom MediaPlayer.

Chapter 2: Access PC via Network

2.1 Connect LAN Cable

When connecting Computer to the Freecom MediaPlayer directly

Connect LAN cable to LAN port between Freecom MediaPlayer and PC. In this case, you have to use a Cross-wired LAN cable.

If your computer's LAN card is already used for connection to Internet line, you can install an additional LAN card to your PC and connect that additional LAN card to the Freecom MediaPlayer.

When connecting with IP Router or Hub

Connect LAN cable to LAN port between IP Router or Hub. In this case, you have to use Direct LAN Cable type generally.

When you want to play shared multimedia files on network, refer to "3.Shared File Playback (Stream)".

If you want to use as Network Storage, refer to "4. Use as Network Storage (NDAS)".

2.2 Set Network Configurations

After connecting the LAN cable, you have to set network configurations of Computer and Freecom MediaPlayer. You need to share a folder on Windows computer and use same 'IP address range' and same 'Subnet Mask ' between Windows computer and Freecom MediaPlayer.

For example:

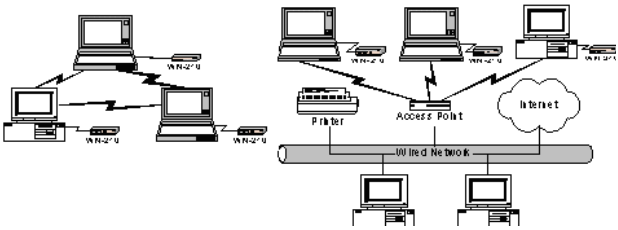
	Computer	Network Freecom MediaPlayer
IP address	192.168.1.2	192.168.1.3
Subnet Mask	255.255.255.0	255.255.255.0

It is possible to assign IP address and Subnet Mask of the Freecom MediaPlayer as Dynamic or Static.

2.3 Wireless LAN Connection

Freecom MediaPlayer supports two types of wireless structure modes: Infrastructure mode & Ad-Hoc mode.

Ad-Hoc Mode **Infrastructure Mode (AP)**



Ad-Hoc Mode

1:1 wireless LAN connection type between wireless adapter and Freecom MediaPlayer without wireless access point.

Infrastructure Mode (AP)

Wireless LAN connection type with Wireless Access Point.

Wireless AP (Infrastructure Mode) or Wireless Adapter (Ad-Hoc Mode) is needed for wireless connection. IEEE 802.11g wireless standard is recommended for better wireless environment. Freecom MediaPlayer is compatible with IEEE 802.11g & b standard.

Wireless LAN Connection Setup

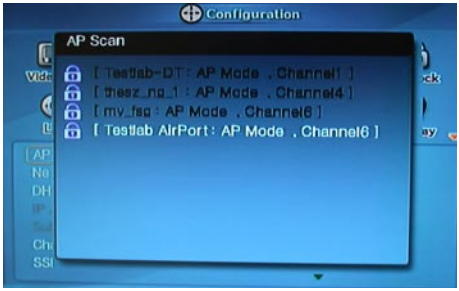
You have to connect the Freecom MediaPlayer to a TV set for this setup. See "6.2 Connect Video Cable".

1. Move to Setup screen by pressing "SETUP" button on remote control.
2. Move to "Wireless-I" Icon and press "OK" button. Setup box will be displayed under icon menu.
3. Move to 'AP Scan' and press "OK" button. Surrounded wireless stations are detected and displayed.

4. Select the preferred station out of the scanned wireless stations.

   Wireless station information is displayed.

   - SSID: Name of Wireless Station
   - Connection Mode: AP Mode (to connect an AP) / Ad-hoc Mode (to connect wireless adapter)
   - Channel: Wireless channel used by wireless station


Configuration
AP Scan
[Testlab-DT: AP Mode , Channel1]
[thesz_ng_1 : AP Mode , Channel4]
[mv_fsg : AP Mode , Channel6]
[Testlab AirPort: AP Mode , Channel6]

5. Information about wireless station will be displayed. Press "SETUP" for saving configurations.

When connecting Ad-Hoc Mode, manual settings of IP address and Subnet mask will be needed.

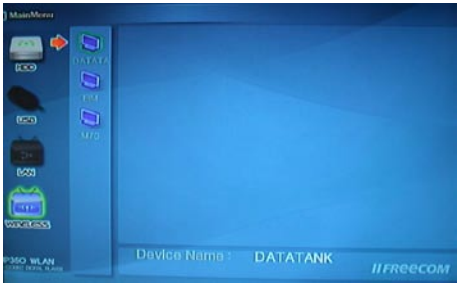
Manual settings of IP address and Subnet mask of wireless adapter and Freecom MediaPlayer will be needed. Disable DHCP and enter "IP address" and "Subnet mask". IP address must be different between Freecom MediaPlayer and wireless adapter but the Subnet mask is to be same.

Freecom MediaPlayer: IP address (192.168.10.2); Subnet (255.255.255.0) => Wireless adapter: IP address (192.168.10.3). Subnet mask (255.255.255.0)

Note: You have to choose a channel on your own if you want to connect to an other WLAN device.

Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
192 . 168 . 10 . 3
Subnet mask:
255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

6. "WIRELESS" icon is activated. Run the icon, and the PC list on the network is displayed. Access to the preferable PC you want.

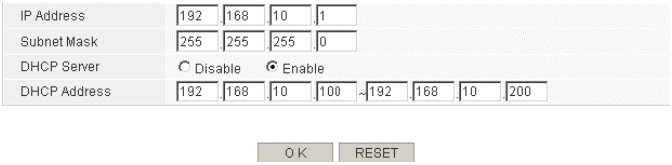


When wireless icon is not activated or not connected to wireless station.

1. "Waiting or Rebooting" It might take some time to assign IP address from AP in case of AP Mode. So, wait for a while. Otherwise, reboot AP and Freecom MediaPlayer together.

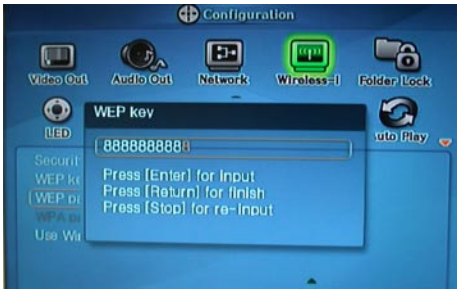
2. "Manual Setting of IP address and Subnet mask" In case of AP Mode, disable DHCP support and do manual setting of IP address and subnet mask. At the time, each IP address is to be different and subnet mask is to be same.

   AP: IP address(192.168.10.1. Subnet mask (255.255.255.0) ==> Freecom MediaPlayer: IP address(192.168.10.2. Subnet mask(255.255.255.0)



When connecting to AP with WEP/WPA wireless security

If a wireless station like AP or Adapter has WEP or WPA wireless security, you have to enter WEP/WPA key same as AP or wireless adapter.



It is possible to enter WEP/WPA key at "Wireless-I". Enable Security Mode and then enter WEP/WPA Key of AP or wireless adapter.

To enter use direction key "UP" or "DOWN", or "Number". After finishing that, finally press "SETUP" for saving configurations.

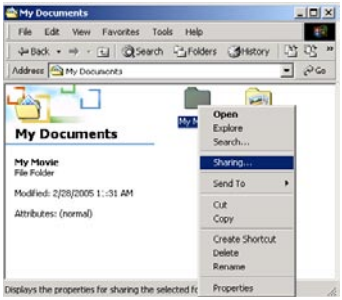
Chapter 3: Shared File Playback (Stream)

After connecting LAN cable, you have to set network configurations of both Computer and Freecom MediaPlayer.

It is possible to assign IP address and Subnet Mask of Freecom MediaPlayer as dynamic or static.

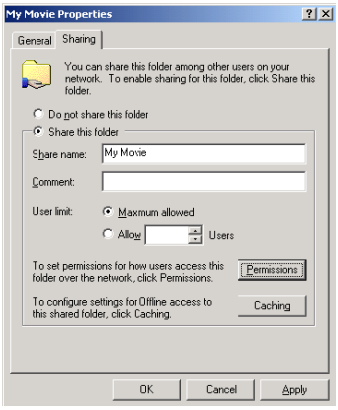
3.1 Windows 2000

1. Select the folder which you want to share. Right-click the folder and click "Sharing" in pop menu.



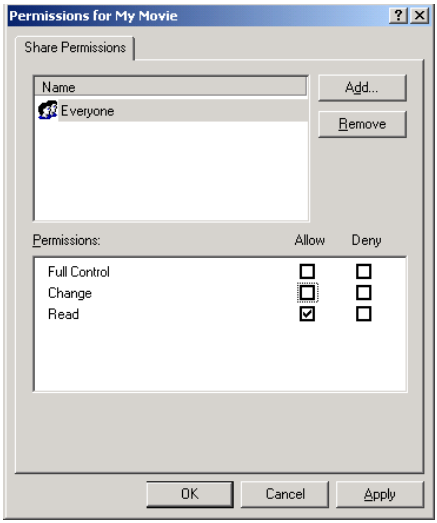
2. Check "Share this folder" and write "Share name". For example, "My Movie":

"Share name": maximum length is 12 characters.



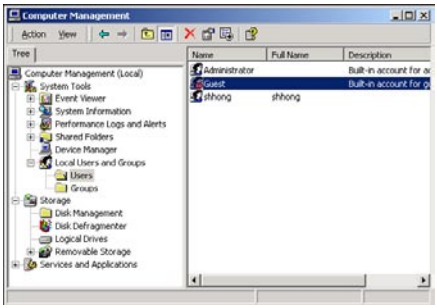
3. Click "Share Permissions" and check whether "Everyone" account is present or not. If not, add "Everyone" account.

It is recommended only to use 'Read' at Permissions.

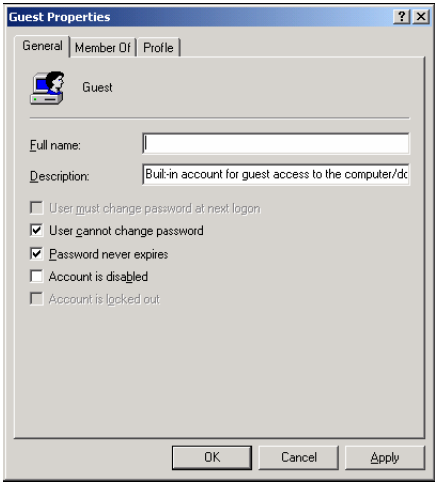


4. After that, the shared folder will be displayed as following picture.

5. Move to "Settings > Control Panel > Administrative Tools > Computer management > Local Users and Groups > Users", and double click "Guest".

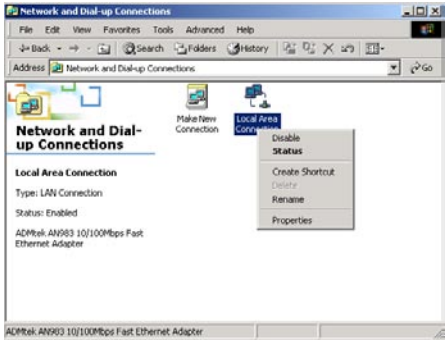


6. Check "User cannot change password" and "Password never expires".

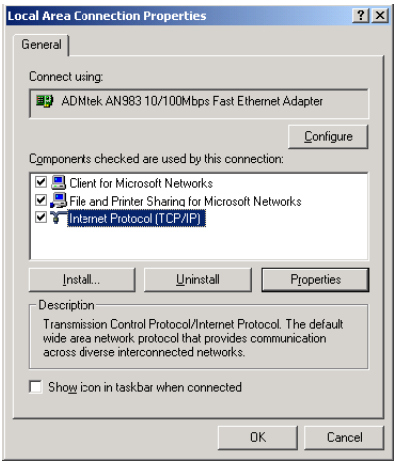


7. Move to "Control Panel > Network and Dial-up Connections", and select Properties "Local Area Connections" by right click of mouse.

If you see two or more 'Local Area Connections', select one that you will use for connecting to the Freecom MediaPlayer.



8. Double click 'Internet Protocol (TCP/IP)' that you want to use on your computer.

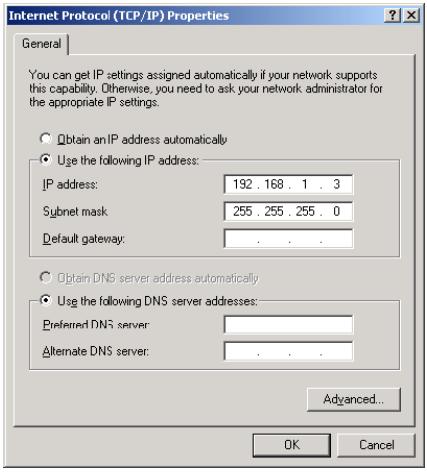


9. Check 'Use the following IP address', and write 'IP address' & 'Subnet mask' that you want to use.

   For example:

   IP address: 192.168.1.3

   Subnet mask: 255.255.255.0


Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 192 . 168 . 1 . 3
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

If you have already been 'obtained an IP address automatically' from DHCP Server or IP Router on your local area network, you don't need to write specific IP address absolutely. Use 'Obtain an IP address automatically' or write IP address & Subnet mask that DHCP Server or IP Router provide.

10. Set the network configurations of the Freecom MediaPlayer.

You have to connect the Freecom MediaPlayer to a TV set for this setup. See "6.1 Connect Video Cable".

Press "SETUP" on remote control for moving to setup screen. Go to "Network". On that screen, select 'DHCP Support Off' and write IP address & Subnet mask.

For example:

IP address: 192.168.1.2

Subnet mask: 255.255.255.0

After writing, press "SETUP" again for saving configurations.

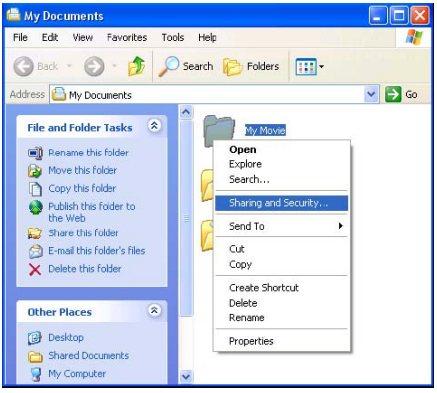
If you have already been provided dynamic IP address from DHCP Server or IP Router on your local area network, you don't need to write static IP address absolutely. Use 'DHCP on' or write IP address & Subnet mask that DHCP Server or IP Router provide.

Check 'IP address obtained automatically'.

When you use 'DHCP On', you can see the IP address on information screen with pressing "INFO" button.

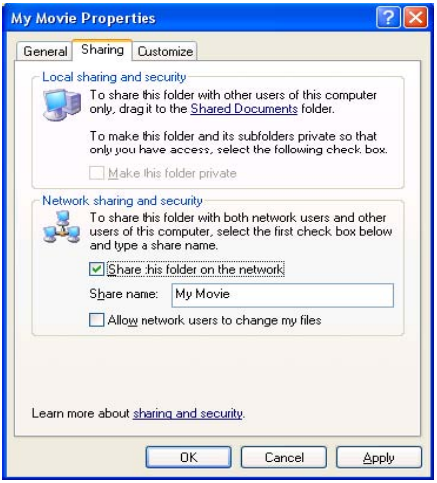
3.2 Windows XP

1. Select a folder which you want to share. Right-click the folder and click 'Sharing and Security' in pop menu.



2. Check 'Share this folder on the network' and write 'Share name'. For example, "My Movie".

"Share name": maximum length is 12 characters.

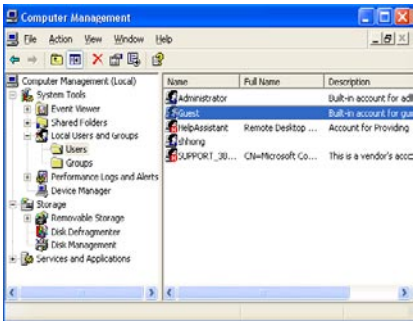

My Movie Properties
General Sharing Customize
Local sharing and security
To share this folder with other users of this computer only, drag it to the Shared Documents folder.
To make this folder and its subfolders private so that only you have access, select the following check box.
Make this folder private
Network sharing and security
To share this folder with both network users and other users of this computer, select the first check box below and type a share name.
Share this folder on the network
Share name: My Movie
Allow network users to change my files
Learn more about sharing and security.
OK
Cancel
Apply

3. After that, the shared folder will be displayed as following picture.

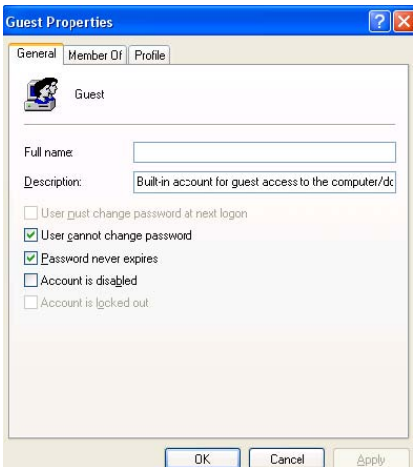
4. Move to "Settings > Control Panel > Administrative Tools > Computer management > Local Users and Groups > Users", and double click 'Guest'.

This is for Windows XP Professional. Windows XP Home users can't see this figure. Go to next number 6.

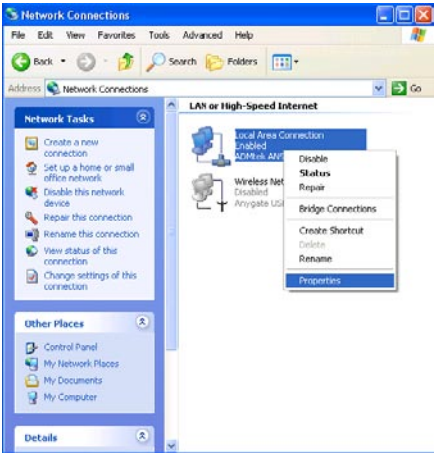
If you can't find 'Administrative' at Control Panel, click "Switch to classic view" in upper left corner on screen.



5. Check 'User cannot change password' and 'Password never expires'.



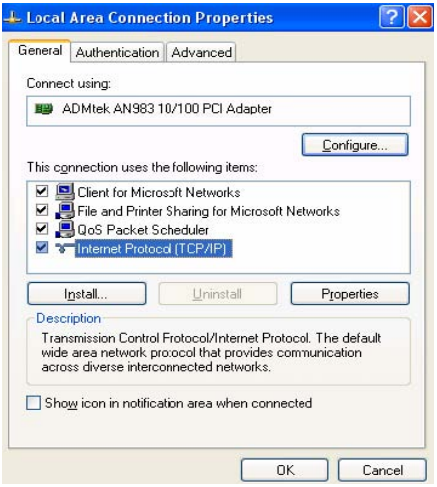
6. Move to "Control Panel > Network connections", and select "Local Area Connections" > "Properties" by right click of mouse.



If you can't find 'Administrative Tools' at Control Panel, click "Switch to classic view" in upper left corner on screen.

If you see two or more 'Local Area Connections', select one that you will use for connecting to the Freecom MediaPlayer.

7. Double click 'Internet Protocol(TCP/IP)' that you want to use on your computer.

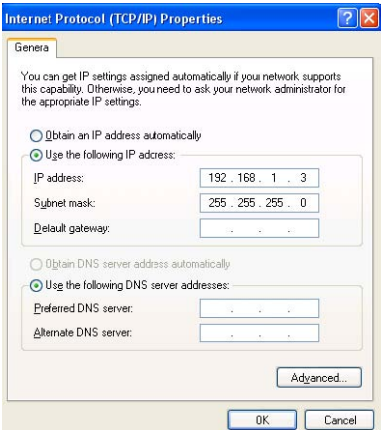


8. Check "Use the following IP address" and write "IP address" and "Subnet mask" that you want to use.

   For example:

   IP address: 192.168.1.3

   Subnet mask: 255.255.255.0


Internet Protocol (TCP/IP) Properties
Genera
You can get IP settings assigned automatically if you network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
192 . 168 . 1 . 3
Subnet mask:
255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

If you have already been provided dynamic IP address from DHCP Server or IP Router on your local area network, you don't need to write static IP address absolutely. Use 'Obtain an IP address automatically on' or write IP address & Subnet mask that DHCP Server or IP Router provide.

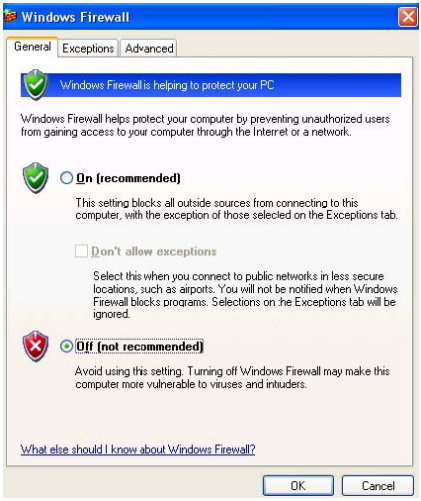
9. At above number 7. figure, click "Advanced" Tab. Disable "Internet Connection Firewall".

Local Area Connection Properties
General
Authenticaton
Advanced
Internet Connection Firewall
Protect my computer and network by limiting or preventing access to this computer from the Internet
Learn more about Internet Connection Firewall.
If you're not sure how to set these properties, use the Network Setup Wizard instead.
Settings...
OK
Cancel

If you use Service Pack 2, refer to the following figures. Click 'Settings' at 'Windows Firewall'.

Local Area Connection Properties
General
Authentication
Advanced
Windows Firewall
Protect my computer and network by limiting or preventing access to this computer from the Internet
Settings...
If you're not sure how to set these properties, use the Network Setup Wizard instead.
OK
Cancel

Check "OFF" and click 'OK'.


Windows Firewall
General
Exceptions
Advanced
Windows Firewall is helping to protect your PC
Windows Firewall helps protect your computer by preventing unauthorized users from gaining access to your computer through the Internet or a network.
On (recommended)
This setting blocks all outside sources from connecting to this computer, with the exception of those selected on the Exceptions tab.
Don't allow exceptions
Select this when you connect to public networks in less secure locations, such as airports. You will not be notified when Windows Firewall blocks programs. Selections on the Exceptions tab will be ignored.
Off (not recommended)
Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders.
What else should I know about Windows Firewall?
OK
Cancel

10. Set the network configurations of the Freecom MediaPlayer.

You have to connect the Freecom MediaPlayer to a TV set for this setup. See "6.1 Connect Video Cable".

Press "SETUP" on the remote control for moving to setup screen. Go to "Network". Select 'DHCP off' and write IP address & Subnet mask.

For example:

IP address: 192.168.1.2

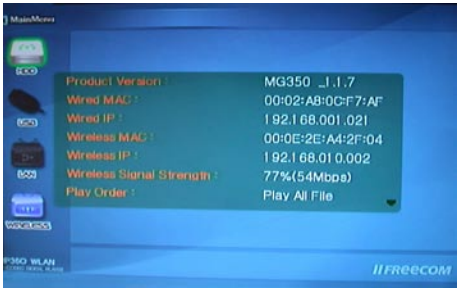
Subnet mask: 255.255.255.0

After writing, press "SETUP" again for saving configurations.

If you have already been provided dynamic IP address from DHCP Server or IP Router on your local area network, you don't need to write static IP address absolutely. Use 'DHCP on' or write IP address & Subnet mask that DHCP Server or IP Router provide.

Check 'IP address obtained automatically'.

When you use 'DHCP On', you can see the IP address on information screen with pressing "INFO" button.

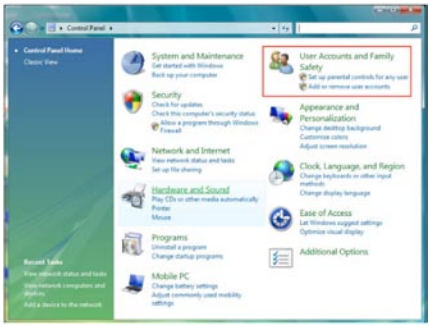

Product Version : MG350 _1.1.7
Wired MAC : 00:02:A8:0C:F7:AF
Wired IP : 192.168.001.021
Wireless MAC : 00:0E:2E:A4:2F:04
Wireless IP : 192.168.010.002
Wireless Signal Strength : 77%(54Mbps)
Play Order : Play All File
FREECOM

3.3 Windows Vista

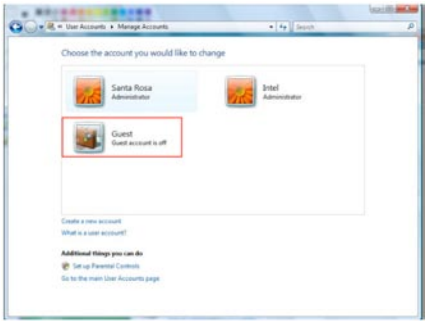
Before you do "folder sharing", you need to set up 3 things for Network sharing.

1. Setup of User Accounts and Family safety

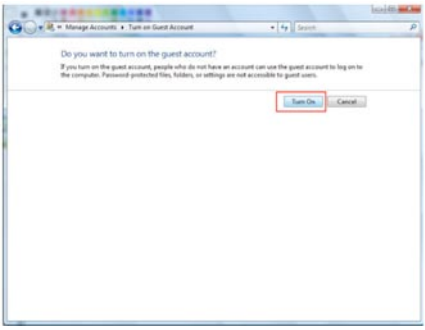
   a) Click Start > Settings > Control Panel > Users Accounts and Family Safety.



   b) Make sure the account is "Guest".

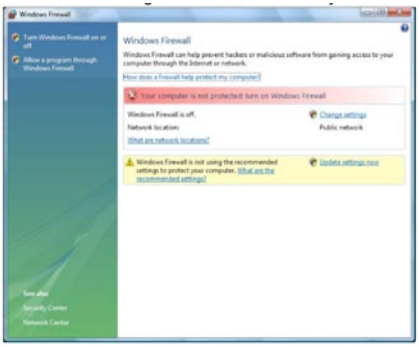


c) If the "Guest" account is off, then switch it to "On".



2. Disable "Firewall"

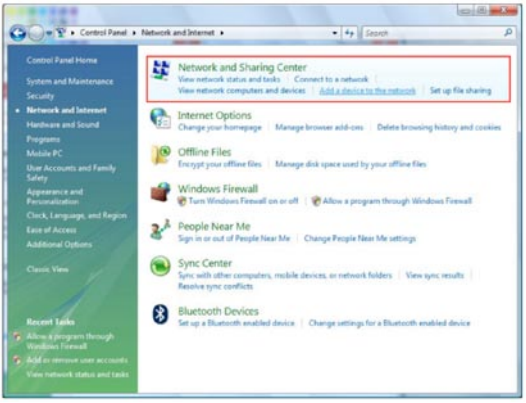
a) Click Start > Setting > Control Panel > Security > Windows Firewall on / off.



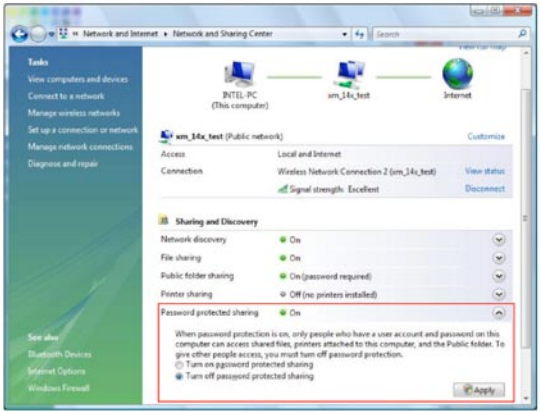
b) Click at "Off" (not recommended).

3. Setup of Network and Sharing Center

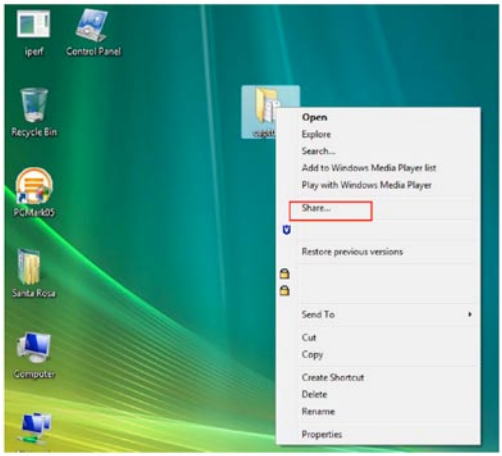
a) Click Start > Setting > Control Panel > Network and Internet > Network and Sharing Center.


Control Panel ▸ Network and Internet ▸
Search
Control Panel Home
System and Maintenance
Security
Network and Internet
Hardware and Sound
Programs
Mobile PC
User Accounts and Family Safety
Appearance and Personalization
Clock, Language, and Region
Ease of Access
Additional Options
Classic View
Recent Tasks
Allow a program through Windows Firewall
Add or remove user accounts
View network status and tasks
Network and Sharing Center
View network status and tasks | Connect to a network | View network computers and devices | Add a device to the network | Set up file sharing
Internet Options
Change your homepage | Manage browser add-ons | Delete browsing history and cookies
Offline Files
Encrypt your offline files | Manage disk space used by your offline files
Windows Firewall
Turn Windows Firewall on or off | Allow a program through Windows Firewall
People Near Me
Sign in or out of People Near Me | Change People Near Me settings
Sync Center
Sync with other computers, mobile devices, or network folders | View sync results | Resolve sync conflicts
Bluetooth Devices
Set up a Bluetooth enabled device | Change settings for a Bluetooth enabled device

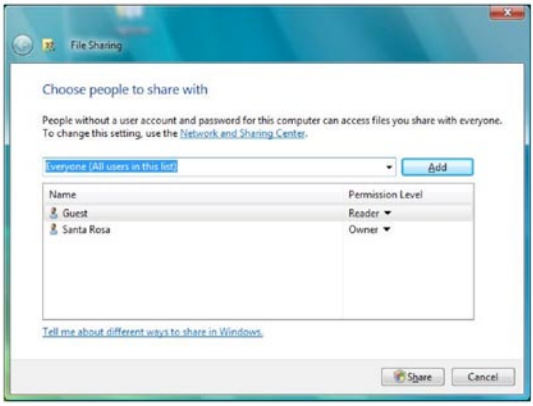
b) Select "Password protected sharing" and select "Turn off password protected sharing".



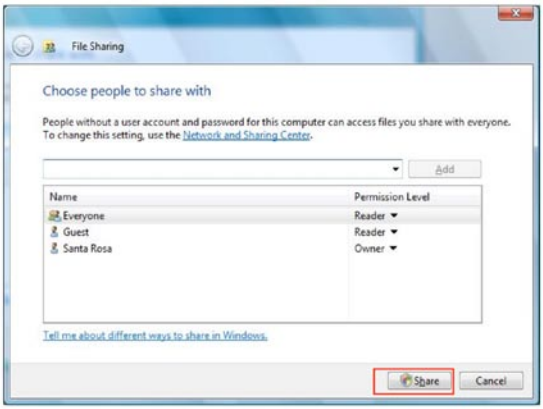
c) Make a folder you want to share.

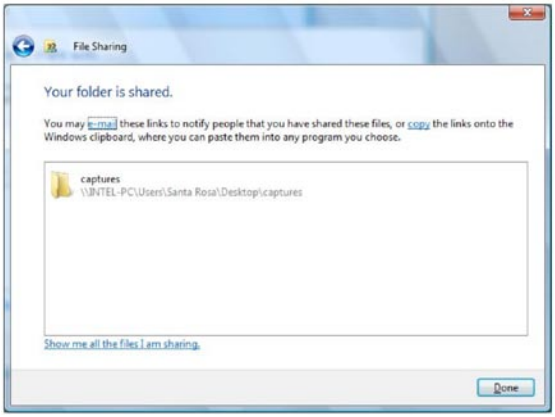


d) You will get a popup "Choose people to share with" then select "Everyone (All users in this list)" and press "Add" button.


File Sharing
Choose people to share with
People without a user account and password for this computer can access files you share with everyone.
To change this setting, use the Network and Sharing Center.
Everyone (All users in this list)
Add
Name
Permission Level
Guest
Reader
Santa Rosa
Owner
Tell me about different ways to share in Windows.
Share
Cancel

e) After you register the user account, then click "Share" button.




File Sharing
Your folder is shared.
You may e-mail these links to notify people that you have shared these files, or copy the links onto the Windows clipboard, where you can paste them into any program you choose.
captures
\\INTEL-PC\Users\Santa Rosa\Desktop\captures
Show me all the files I am sharing.
Done

Chapter 4: Use as Network Storage (NDAS)

It is recommended to use 100Mbps LAN Card when using wired LAN connection.

It is recommended to use IEEE 802.11g (54Mbps) wireless adapter or Access Point when using wireless LAN connection.

NDAS function allows to transfer data to HDD in Freecom MediaPlayer by wired or wireless LAN without setting data sharing works.

NDAS PC software (for Windows) works on Windows 2000/XP/Vista only. Please do not connect LAN Cable and USB Cable at the same time.

If you do not want to use NDAS function, set NDAS option disable.

Network environment and PC specification can affect NDAS function.

Please open 'My Computer' and check if Hard Disk in Freecom MediaPlayer is recognized as a Hard Disk Drive of local network. (HDD in Freecom MediaPlayer looks like external Hard Disk Drive. C:, D:, E: or F:) If you cannot see Hard Disk Drive, please turn the Freecom MediaPlayer off and then turn it on again. (Recognition can take some time.)

To remove NDAS function safely, please double click the icon in right bottom tray. (Just like removing external Hard Disk Drive.)

You have to connect the Freecom MediaPlayer to a TV set for this setup. See "6.1 Connect Video Cable".

1. Press "SETUP" on remote control for moving to setup screen. On that screen, select "NDAS" in setup screen. Choose "ON" or "OFF" to turn NDAS function on or off.

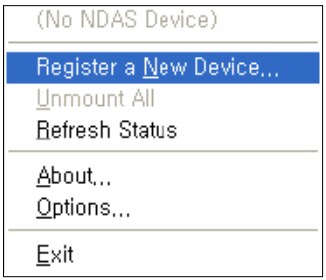
2. Install NDAS software on your PC: Insert the Freecom MediaPlayer Software & Manual CD into your CD drive. The Freecom start menu opens:

In case the software does not open automatically, please double click "Start.exe" in the root directory of the CD.

3. Now click "NDAS Software (LAN)". The installation of the Freecom Software now begins.

NDAS Software 3.11.1327 Setup
Welcome to the Setup Wizard for NDAS Software 3.11.1327
Setup will install NDAS Software 3.11.1327 on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.
Next >
Cancel

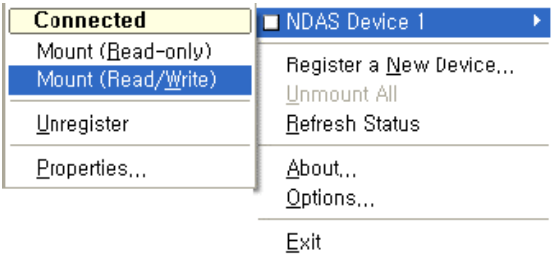
4. NDAS icon is created at right-down corner on desktop windows. Right click the icon and select "Register a New Device".



5. Write NDAS Device ID and Write Key. They are located on the bottom of Player. Write your preferable name at NDAS Device Name. Finish device registration procedure with clicking "Register".

NDAS Device Registration Wizard
NDAS device ID
Enter the NDAS device ID to register.
To register the NDAS device, please enter the NDAS device ID. The ID and Write Key are located on the bottom of the NDAS device.
NDAS device ID is composed of 20 characters.
Please enter the NDAS device ID.
Write Key is needed for Read/Write mode. It is composed of 5 characters.
Please enter the Write Key. (Optional)
Click Next when you finish.
If the NDAS device ID and/or the Write Key is invalid, Next will not be enabled.
< Back
Next >
Cancel

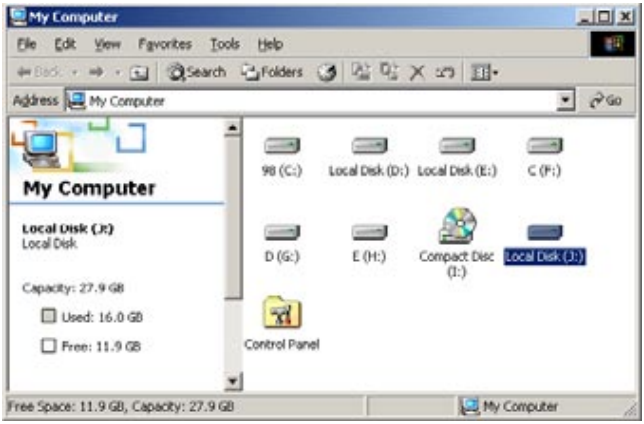
6. Select Mount(Read/Write) and access to NDAS Device, i.e, Player.



7. Select "Install the software automatically" and click "Next" button.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
NDAS SCSI Controller
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

8. Please check 'My Computer' if the Hard Disk in the Freecom MediaPlayer is recognized as a Hard Disk Drive of local network. (HDD in Player looks like external Hard Disk Drive. C:, D:, E: or F:)If you cannot see Hard Disk Drive, please turn the Freecom MediaPlayer off and then turn it on again. (Recognition can take some time.)



9. To remove NDAS function safely, please double click the icon in right bottom tray (just like removing external Hard Disk Drive).

Safely Remove Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
USB Mass Storage Device
NDAS SCSI Controller
USB Mass Storage Device at Location 0
Properties
Stop
Display device components
Close

Chapter 5: Freecom MediaPlayer for Mac

5.1 USB 2.0 Mode

In USB 2.0 Mode Freecom MediaPlayer is directly attached to a computer's USB Port.

Freecom MediaPlayer via USB

5.2 NDAS Mode

In NDAS Mode Freecom MediaPlayer is directly attached to a 100 Mbit/s Full Duplex Fast Ethernet Switch or Wireless Access Point. Each user on the network can use Freecom MediaPlayer as if it was a local disk drive.

Freecom MediaPlayer via Router/Switch

Freecom MediaPlayer via WLAN

1. Connect your Local Area Network (LAN) cable to Freecom MediaPlayer Ethernet Port. This connection provides network access from your LAN or router to the Freecom MediaPlayer.
2. Connect the included Ethernet cable to your PC.

Wireless users: Connect Freecom MediaPlayerto your wireless router or access point with included Ethernet cable.

3. Make sure the power connector is firmly attached to the Freecom MediaPlayer and connect the power adapter to a power source.
4. Press Power button on the frontside.

5.2.1 Installing NDAS Software

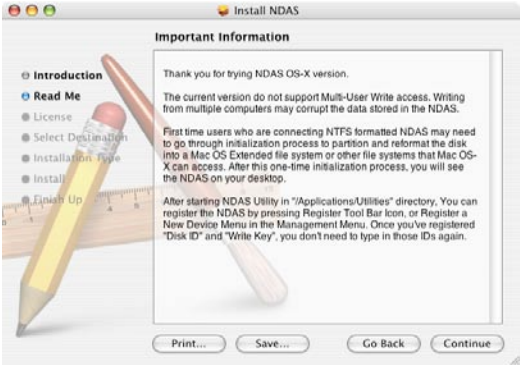
Installation of NDAS software is simple and easy.

1. Insert the Freecom MediaPlayer Software & Manual CD into your CD drive. The Freecom start menu opens:

   In case the software does not open automatically, please double click "Start" in the root directory of the CD.

2. Now click "NDAS Software (LAN)" -> "Install Software". The installation of the Freecom Software now begins.

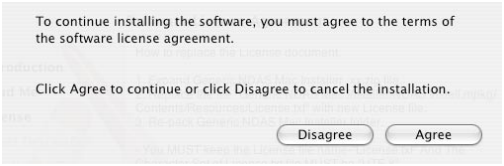
3. Read Me - Carefully read the installation notes then click Continue.


Install NDAS
Important Information
Introduction
Read Me
License
Select Destination
Installation Type
Install
Finish Up
Thank you for trying NDAS OS-X version.
The current version do not support Multi-User Write access. Writing from multiple computers may corrupt the data stored in the NDAS.
First time users who are connecting NTFS formatted NDAS may need to go through initialization process to partition and reformat the disk into a Mac OS Extended file system or other file systems that Mac OS-X can access. After this one-time initialization process, you will see the NDAS on your desktop.
After starting NDAS Utility in "/Applications/Utilities" directory, You can register the NDAS by pressing Register Tool Bar Icon, or Register a New Device Menu in the Management Menu. Once you've registered "Disk ID" and "Write Key", you don't need to type in those IDs again.
Print...
Save...
Go Back
Continue

4. License - Carefully read the Software License Agreement and click Continue when finished.

Install NDAS
Software License Agreement
Introduction
Read Me
License
Select Destination
Installation Type
Install
Finish Up
Freecom Technologies End User License Agreement
Software Product: NDAS Software
Licensor: FREECOM TECHNOLOGIES GmbH
LICENSE TERMS AND CONDITIONS APPLICABLE TO SOFTWARE PURCHASED FROM FREECOM OR A FREECOM RESELLER, IN A BUNDLE WITH THE HARDDRIVE
This is a legal agreement between you, the end user, and Freecom Technologies GmbH, Zeughofstraße 1, 10997 Berlin, Germany ("Freecom").
By accepting the agreement, you are bound by its terms.
I. Grant of license
This Freecom license agreement (license) permits you to use the NDAS Software utility acquired with this license on any computer. You are allowed to make multiple copies of this software to use it with the supplied Freecom hardware on more than one computer.
II. Copyright
The Software is owned by Freecom or its suppliers and is protected by copyright laws, international treaty provisions, and other national laws. Product manual(s) or written materials accompanying the Software may not be copied without written permission from Freecom Technologies GmbH.
III. Other restrictions
Print...
Save...
Go Back
Continue

5. Click on Agree to accept the User License.

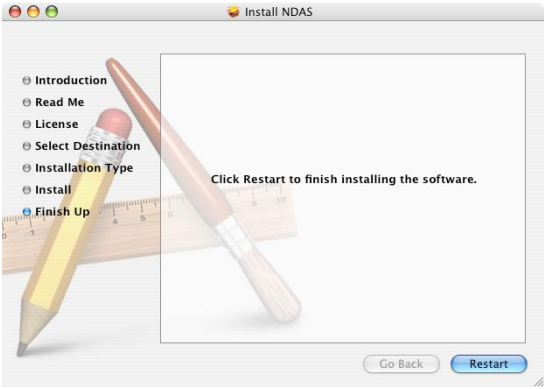

To continue installing the software, you must agree to the terms of the software license agreement.
Click Agree to continue or click Disagree to cancel the installation.
Disagree
Agree

6. "Select a Destination" - Select the source where you would like to install the NDAS software.

7. Install - Click Install to begin installing the NDAS Software.

8. Please wait while the NDAS Software installs.

9. Finish Up - Click the Restart button to complete the installation.

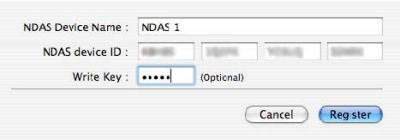


5.3 NDAS Device Registration

5.3.1 Add / Register a New NDAS device

1. Click on the NDAS Utility Icon

located in your Utilities Folder.
2. Click the Register The New Device icon in the upper left hand corner of the window.
3. NDAS Device Registration will appear.
4. Enter a name for the NDAS device then add your NDAS device ID and Write Key. The Write Key is needed to write to your NDAS device. Once entered, click Register to continue.



Note: NDAS device ID and Write Key does not contain the letter O. Please use the number 0 for all letter O's.

If your Freecom MediaPlayer ID and Key are not typed in correctly, The 'Register' button will not be selectable.

5.3.2 Sharing Your NDAS Device

Once NDAS device is connected to your network, it can be accessed from any computer on your LAN.

To share NDAS device, the following must occur:

Mac OS Environment:

- All computers and NDAS device must be on the same LAN.
- NDAS device must be connected via Ethernet or Wireless Router.
- The NDAS software must be installed on each system.
- Only One user can have Read/Write access to the Freecom MediaPlayer at a time. All other users must have the device mounted in Read Only Mode.
- NDAS device must be registered onto each computer.

Warning: Do not perform disk operations (format, partition) when multiple systems have the NDAS mounted.

NDAS device can be formatted or partitioned ONLY when one system is connected.

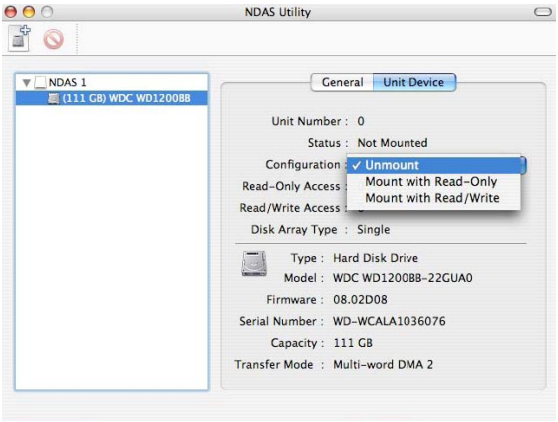
5.4 NDAS Utility

The NDAS Utility is the software that allows you to control your Freecom MediaPlayer and also provides detailed information about the Freecom MediaPlayer that is registered on your system.

To get to the NDAS Utility open your Mac Hard Drive, then open your Applications folder, then your Utilities Folder. The NDAS Utility should be listed in the Utilities folder.

Click the NDAS Utility. All registered NDAS device(s) will be displayed on the NDAS Utility Menu.

- **NDAS Utility**: Lists all NDAS devices that are registered.
- **Register a New Device**: Registers a NDAS device to your computer.
- **Unregister the Selected Device**: Removes the NDAS Device from the software.
- **General**: Displays Basic information about your Freecom MediaPlayer, such as the ID, Key and Status.
- **Unit Device**: Shows the mount status of the Freecom MediaPlayer as well as information regarding the actual disk inside the Freecom MediaPlayer.
- **Configuration**: This is where you will change the Mount status of your Freecom MediaPlayer. Available options will be Mount Read Only and Mount Read/ Write.



5.5 Using Freecom MediaPlayer

Now that you have successfully installed your Freecom MediaPlayer, it's time to familiarize yourself on using the Freecom MediaPlayer. Once the Freecom MediaPlayer is mounted, it will appear on your Desktop. Here are a few functions for Freecom MediaPlayer:

- You can use Freecom MediaPlayer like any other hard drive on your system.
- Drag and Drop files
- Copy and paste data to Freecom MediaPlayer
- Make and delete files/folder
- Share file and folder
- Backup files directly to the Freecom MediaPlayer

5.5.1 Read Only and Read / Write Mode

Freecom MediaPlayer provides users with 2 main functions; Read Only and Read / Write.

Read Only Mode

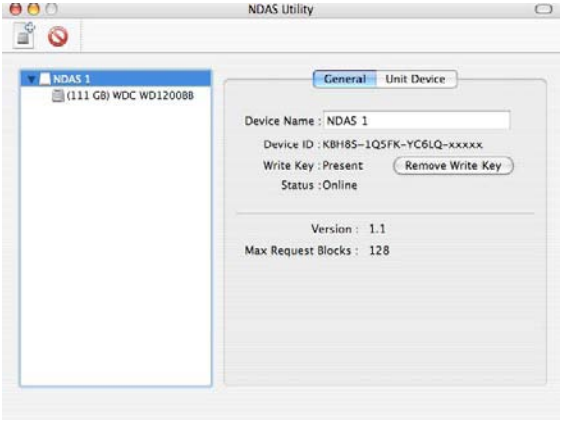
Any number of users or applications can read from a Freecom MediaPlayer.

Read / Write Mode

- Only one user can write to a specified Freecom MediaPlayer at a time.
- No other users can have Read /Write Access to the Freecom MediaPlayer until switches to Read Only mode.

5.5.2 Changing Read Only or Read / Write Mode

Open your NDAS Utility by clicking on your Macintosh HD icon on your Desktop, double click on your Applications Folder, then your Utilities folder.



Mount with Read Only Mode

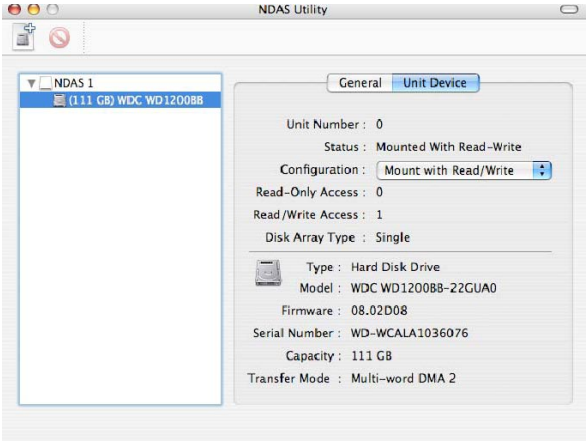
- Select the NDAS Device you want to mount.
- Click on Unit Device.
- Under Configuration select Mount Read Only.
- The status will now show Mounted with Read Only.

Mount with Read / Write Mode

- Select the NDAS Device you want to mount.
- Click on Unit Device.
- Under Configuration select Mount Read / Write.
- The Status will now show Mounted with Read / Write.

Note: If no other user or application is using the Freecom MediaPlayer, the status will change with the specified mounting command. If a user or application is using the Freecom MediaPlayer, the status will not change.

Until both the Configuration and Status display the mount information is the Freecom MediaPlayer in that state.



5.6 Using Freecom MediaPlayer in a Mixed Environment

5.6.1 Mixed Environment with Mac and Windows

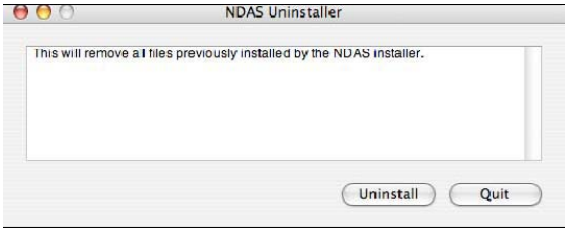
- All computers must be on the same LAN with the same Subnet.
- The Freecom MediaPlayer must be connected via Ethernet to a Router/Switch.
- To share the Freecom MediaPlayer each computer must have corresponding Freecom MediaPlayer software/ driver installed.
- The Freecom MediaPlayer must be registered on each computer.
- Read / Write access can only be granted to one user at a time. The rest of the computers must be in Read Only Mode. Once the Read/ Write access is released another user can request Read / Write Mode.

5.7 Uninstall

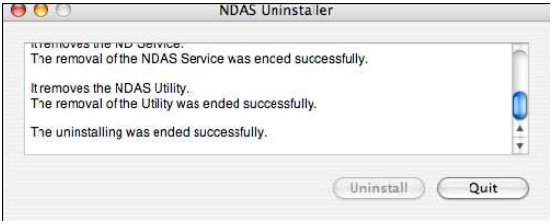
Insert the included "Manual & Appication CD" into your CD-Rom Drive and go to "NDAS Software (LAN) -> Uninstall Software". There you will find the NDAS Uninstaller.

Step 1: Start the Uninstaller by double clicking the Freecom MediaPlayer Uninstaller.

Step 2: Click Uninstall.



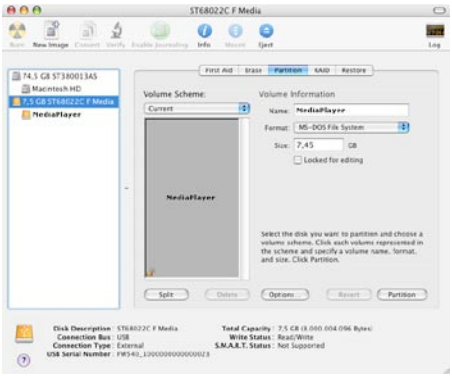
Step 3: Once finished, click Quit.


NDAS Uninstaller
The removal of the NDAS Service was enced successfully.
It removes the NDAS Utility.
The removal of the Utility was ended successfully.
The uninstalling was ended successfully.
Uninstall
Quit

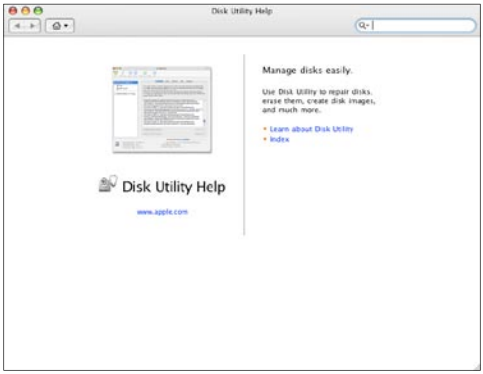
Step 4: Restart the system once the Uninstall has completed.

5.8 Partitioning your Freecom MediaPlayer under Mac OS X

1. Open the "Disk Utility". This can be found in "Applications" —> "Utilities".
2. Click on the tab "Partition".



Here you can setup the partition settings and partition the drive according to your settings (e.g. Mac OS Extended). Detailed information how to use the Disk Utility can be found in the help:


Disk Utility Help
Manage disks easily.
Use Disk Utility to repair disks, erase them, create disk images, and much more.
Learn about Disk Utility
Index
Disk Utility Help
www.apple.com

5.9 FAQ Mac

1. How do I Disconnect Freecom MediaPlayer?

To disconnect Freecom MediaPlayer, we always recommend using the Eject option. If you CRTL+click on the Netdisk on your Desktop, then you will be given an option to Eject the Freecom MediaPlayer. You may also drag the Freecom MediaPlayer into your Trash. After that, you can go into NDAdmin and Disable your Freecom MediaPlayer. If you are using USB, then Ejecting the Freecom MediaPlayer is all that is needed.

2. I have installed the Mac Drivers and Freecom MediaPlayer will not Enable.

Make sure you have the latest drivers, available at the Download Center.

Please check the following:

Verify that your cables are plugged in correctly and that you have a link on the switch where Freecom MediaPlayer is plugged into.

Make sure that it is formatted to a file system that your Mac can recognize. You can run Disk Utility (Application > Utilities > Disk Utility). This will allow you to see the drive and format it to Mac OS Extended or MS-DOS File System.

When plugged in via NDAS (Ethernet), please try enabling Read Only mode and reboot your Mac. It should show up on your desktop as a Hard Drive. Then use the NDAdmin utility to enable Read/ Write mode.

If that still does not work, try plugging it in via USB to see if it is recognized just to make sure the Freecom MediaPlayer is fine. If that works, then try reinstalling the Freecom MediaPlayer software.

If it still does not mount, then try formatting the Freecom MediaPlayer again via USB and retry Enabling the drive.

3. How should I format Freecom MediaPlayer?

It is recommended to format Freecom MediaPlayer to Mac OS Extended format using the Disk Utility (Applications > Utilities > Disk Utility). If you also have a Windows computer as well, and would like to use it between the two, then you must format it to FAT32 for it to be recognized on both computers. You may use the "MS-DOS File System" option to format the disk in FAT32 (Mac OS 10.3 only). A 3rd party partitioning utility to format the entire drive to FAT32 may be needed if you have Mac OS 10.2.

4. The Freecom MediaPlayer mounts up fine and I can see it on my desktop, but it disappears randomly and reappears. What is going on?

This problem can occur if the connection between your computer and the Freecom MediaPlayer are a little unstable. Make sure that you are not using any Hubs, and that only Switches are being used to connect your computers and the MediaPlayer to each other. If you are using a wireless connection, make sure your signal strength is strong. Try to connect the Freecom MediaPlayer directly to your ethernet port on your Mac to see if the connection is stable. This will ensure that the Freecom MediaPlayer's ethernet port is fine. If your connection stabilizes, then try replacing your ethernet switch or router. If the problem persists with any switch or router, a newer software version may fix your issue. Check the Download Center for possible updates.

5. Can I acces the Freecom MediaPlayer from my Mac in a Windows OS network?

Yes you can, but there are limitations writting to the Freecom MediaPlayer with this setup. First it is best to format the Freecom MediaPlayer to FAT32. Once you register the Freecom MediaPlayer from your Mac, you will not be able to have write access if another Windows OS computer has mounted read write. However the Freecom MediaPlayer can be used for windows file sharing and can map from the Mac.

This way everyone can get read and write access to the Freecom MediaPlayer without a problem.

6. Can the Freecom MediaPlayer be left on over night?

Yes your Freecom MediaPlayer can be turned on 24 / 7. Before you turn off your computer we do recommend that you unmount the Freecom MediaPlayer to limit future problems with your Freecom MediaPlayer.

7. When adding Freecom MediaPlayer to my computer, it tells me that my ID and Key are invalid. What's wrong?

You may not have entered all the alpha-numeric values correctly. There are no letter "O"s; please verify that you have used the number "0" (zero) for anything resembling an "O." Also please check your other letters as well; two V's may look like a W. Start by entering only the Freecom MediaPlayer ID. The ADD button should not be grayed out if the correct ID is entered. Once it is not grayed out, proceed to add the Write Key as well.

Please also make sure that there are 20 characters for the Freecom MediaPlayer ID, not including the Write Key.

8. I cannot enable read/write access on more than one machine.

With our current Mac drivers, only one machine can have read/write access at a time. The other machines will all have read-only access. We are working on a multi-write driver for Mac, and is expected to be released sometime in the future.

9. Why can't my computer go into hibernation or standby?

If you want to use your computer in hibernation or standby, you must have Freecom MediaPlayer disabled before that can occur. You can disable the Freecom MediaPlayer through the NDAdmin utility.

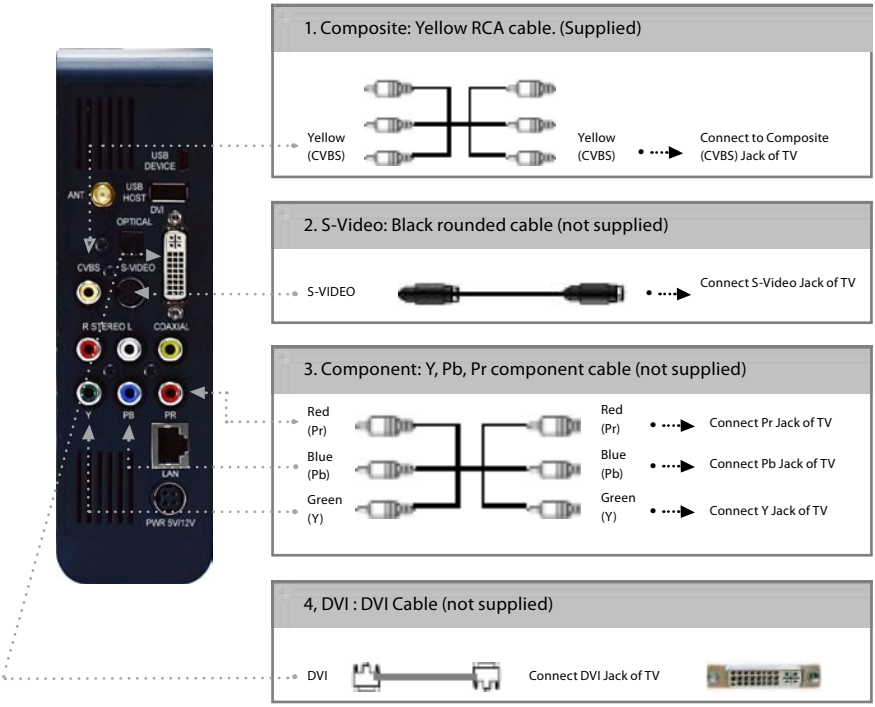
10. It takes over a minute for the Freecom MediaPlayer to show up on my desktop after enabling.

If you are running your Mac on a wireless connection, this may happen. A wireless connection may take some time to properly obtain a stable connection with the Freecom MediaPlayer. If your Freecom MediaPlayer is formatted in FAT32, this may also cause the mount to take long. If you wish to improve the speed, try reformatting the Freecom MediaPlayer in Mac OS Extended (only if you have a Mac ONLY environment). Later software releases may increase speeds, so make sure you have the latest driver release.

Chapter 6: Connect to External AV Device

6.1 Connect Video Cable

Freecom MediaPlayer supports 4 types of video output; "Composite, S-video, Component, DVI". Use the video connection that your TV supports. Normally, TV supports composite video connection, and this package includes composite video cable.

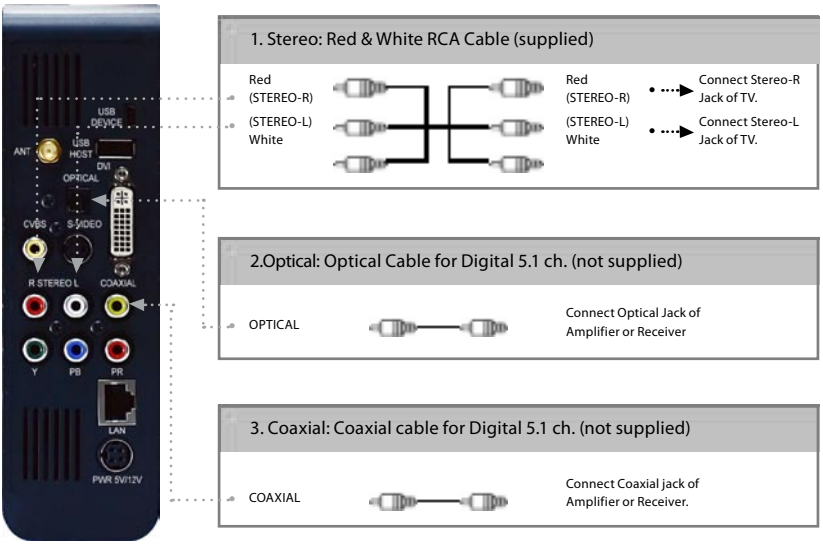


When you can not see normal screen after connecting video cable, check following:

1. "TV "– Switch to Video Input Mode: Turn on TV, and switch to video input mode same as video connection. See TV user manual.
2. "Freecom MediaPlayer" – Switch to Video Output Mode: Press "TV OUT" button repeatedly. Whenever "TV OUT" is pressed, the video output signal changes.
3. When a normal screen appears, save the configurations of the Freecom MediaPlayer. See "6.3.1 Video Setup".

6.2 Connect Audio Cable

Freecom MediaPlayer supports 3 types of audio output; "Stereo, Coaxial, Optical". Use the audio connection that your TV or Audio set supports. Normally, TV supports stereo audio connection, and this package includes stereo audio cable.



Don't connect optical and coaxial cable together at the same time!

When you do not hear any sound after connecting Optical or Coaxial Cable, you have to change audio setup of the Freecom MediaPlayer as Encoded Digital. See "6.3.2 Audio Setup".

6.3 Basic Setup

6.3.1 Video Setup

This is a guide for setting video output of Freecom MediaPlayer. You have to setup Freecom MediaPlayer's video output mode same as TV set's video input mode.

When you can not see normal screen after connecting video cable, check the followings:

1. **"TV "– Switch to Video Input Mode: Turn on TV, and switch to video input mode same as video connection. See TV user manual.**
2. **"Freecom MediaPlayer" – Switch to Video Output Mode: Press "TV OUT" button repeatedly. Whenever "TV OUT" is pressed, the video output signal changes.**
3. **When a normal screen appears, save the video configurations of the Freecom MediaPlayer.**

TV Video Input Mode	Player Video Output Mode	Connection Jack of TV, Player	Video Cable Type
Normal Video	"TV Output"= Composite Mode "Composite Mode" = C/S-Video	CVBS or Composite Jack (Generally Yellow Jack)	Yellow RCA Cable (Supplied)
S-Video		S-Video Jack	S-Video Cable * Black rounded
Component 480i	"TV Output" = Composite Mode "Composite Mode" = C/YPbPr	Component 3 Jack * Y(Green), Pb(Blue), Pr(Red)	Component Cable * Y(Green), Pb(Blue), Pr(Red)
Component 480p 720p 1080i	"TV Output" = Component Mode "Component Mode" = Select one among 480p, 720p, and 1080i same as TV input mode		
DVI 480p 720p 1080i 1080p 640x480 800x600 1024x768 1280x1024 1600x1200	"TV Output" = HD-DVI Mode "HD-DVI Mode" = Select one among 480p, 720p, 1080i,1080p, 640x480, 800x600, 1024x768, and 1280x1024, 1600x1200 same as TV input mode.	DVI Jack	DVI Cable
D-Sub 480p 720p 1080i 1080p	"TV Output" = HD-DVI RGB Mode "HD-DVI RGB" = Select one among 480p, 720p, 1080i , and 1080psame as TV input mode	DVI jack of Player to D-Sub jack of TV(Monitor)	DVI to D-Sub gender

NTSC / PAL : Standard TV Output. Select the correct one for use in your country.

Setup Procedure

1. Turn on the Freecom MediaPlayer and press "SETUP" on Mode Selection screen.

2. Move to the 'Video Out' icon and press "OK". The setup box will be displayed under the icon menu.
3. Select a TV Out Mode and a detailed video output mode in accordance with the selected TV Out Mode and then press "OK".
4. Press "SETUP" to save configurations.

6.3.2 Audio Setup

This is a guide for setting audio output of the Freecom MediaPlayer. You can use Stereo or Digital 5.1 ch.

Analogue/DCPM: If you connect the supplied audio cables (Red / White) to TV or Audio set directly.

Encoded Digital: If you want to listen to 5.1 ch / DTS Dolby by connecting receiver (or amplifier) with the Optical or Coaxial cable.

Setup Procedure

1. Turn on the Freecom MediaPlayer and press "SETUP" on the Mode Selection screen.

2. Move to the 'Audio Out' icon and press "OK". The setup box will be displayed under the icon menu.
3. Select Audio Out Mode, choose "Stereo" or 'Encoded Digital' and press "OK".
4. Press "SETUP" to save configurations.

6.3.3 Network Setup

It is possible to obtain an IP address automatically from DHCP Server or IP Router, or to set the specific IP address. Check your network environments.

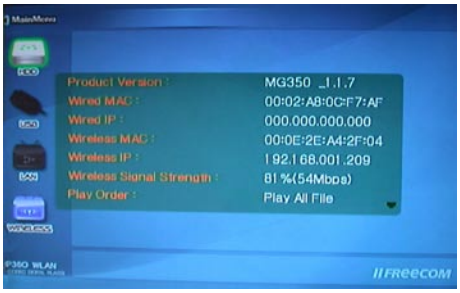
DHCP On: You can use this option when it is possible to obtain IP address automatically from DHCP Server or IP Router.

DHCP Off: You have to use this option if it is not possible to obtain IP address automatically or you connect to your PC directly without DHCP Server or IP Router, you have to use this option. Just enter the IP address and Subnet mask.

"DHCP Support On" Setup Procedure

1. Turn on the Freecom Media Player and press "SETUP" on the Mode Selection screen.

2. Move to the 'Network' icon and press "OK". The setup box will be displayed under the icon menu.
3. Select "DHCP Support-ON" and press "OK".
4. Press "SETUP" to save configurations.


Product Version : MG350 _1.1.7
Wired MAC : 00:02:A8:0C:F7:AF
Wired IP : 000.000.000.000
Wireless MAC : 00:0E:2E:A4:2F:04
Wireless IP : 192.168.001.209
Wireless Signal Strength : 81%(54Mbps)
Play Order : Play All File
FREECOM

Check the obtained IP address

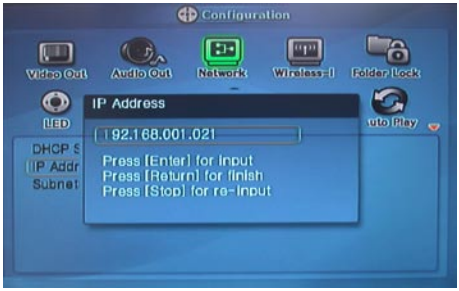
Press "INFO" on the Mode Selection screen, you will see the current obtained IP address from the DHCP server.

"DHCP Support Off" Setup Procedure

1. Turn on the Freecom MediaPlayer and press "SETUP" on the Mode Selection screen.

2. Move to the 'Network' icon and press "OK". The setup box will be displayed under the icon menu.
3. Select 'DHCP Support-OFF' and press "OK".

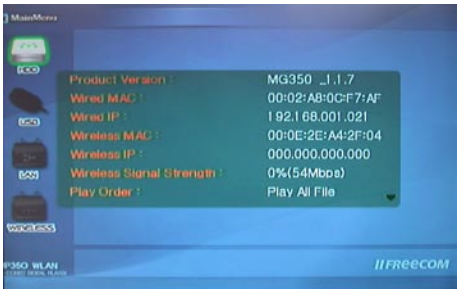
4. Move to 'IP address', 'Subnet' and press "OK". The input box will be displayed and you can enter the number with the "Direction" or "Number" button. Finally, press "ENTER" for saving configurations.



5. Press "ENTER" to save configurations.

Check the obtained IP address

Press "INFO" on the Mode Selection screen and you can see the current obtained IP address from DHCP server.


Product Version : MG350 _1.1.7
Wired MAC : 00:02:AB:0C:F7:AF
Wired IP : 192.168.001.021
Wireless MAC : 00:0E:2E:A4:2F:04
Wireless IP : 000.000.000.000
Wireless Signal Strength : 0%(54Mbps)
Play Order : Play All File
FREECOM

6.3.4 Wireless Setup

Refer to "2. Connect to PC via Network > 2.3 Wireless LAN Connection".

6.3.5 Wireless Security Setup

Refer to "2. Connect to PC via Network -> 2.3 Wireless LAN Connection".

6.3.6 Folder Lock

In this option you can select a private password – protected folder. Create a folder named “Private“ on the HDD. Go to “Folder Lock” and select “Private" Folder on. To change the password, select “Change Password”.

6.3.7 LED Setup

It is possible to turn on or off a backlight LED of the arrow button on the front side. When the LED disturbs you in night, turn off the LED.

1. Turn on the Freecom MediaPlayer and press "SETUP" on the Mode Selection screen.

2. Move to the "LED" icon and press "OK". The setup box will be displayed under the icon menu.
3. Select "ON" or "OFF" and press "OK".
4. Press "SETUP" to save configurations.

6.3.8 Photo View Setup

When viewing a photo file, it is possible to enable or disable BGM (Background Music) and set the playback interval time of each photo file.

BGM, Music Slide Show

Make a 'music' folder (in a small letter, not in a capital letter) at the root directory of the built-in HDD and save the MP3 files in the folder. If the HDD is divided into two or more partitions, make a ‚music' folder in the first partition.

Now you can view photo files and listen to MP3's at the same time. This feature is only available if you have a Freecom MediaPlayer with a HDD built-in.

Setup Procedure

1. Turn on the Freecom MediaPlayer and press "SETUP" on the Mode Selection screen.

2. Move to the "Photo View" icon and press "OK". The setup box will be displayed under the icon menu.
3. Select "ON" or "OFF" and press "OK".
4. It is also possible to set the slide show interval time here. Select an interval time and press "OK".
5. You can also select “Effects” here. Select an effect an press “OK”.
6. Press "SETUP" to save configurations.

6.3.9 Language Setup

It is possible to set a preferred language. This language will only be applied to OSD, not to subtitles.

6.3.10 Screen Ratio Setup

This is a guide for setting the TV type. There are three options: 4:3 Letter Box, 4:3 Pan Scan or 16:9.

Setup Procedure

1. Turn on the Freecom MediaPlayer and press "SETUP" on the Mode Selection screen.

2. Move to the "Scr. Rate" icon and press "OK". The setup box will be displayed under the icon menu.
3. Select "4:3 Letter Box", "4:3 Pan Scan" or "16:9" and press "OK".
4. Press "SETUP" to save configurations.

6.3.11 Auto Play Setup

Auto Play means that the Freecom MediaPlayer plays the files continuously until it's stopped manually. This function can be turned on and off.

Setup Procedure

1. Turn on the Freecom MediaPlayer and press "SETUP" on the Mode Selection screen.

2. Move to the "Auto Play" icon and press "OK". The setup box will be displayed under the icon menu.
3. Select "ON" or "OFF" and press "OK".
4. Press "SETUP" to save configurations.

6.3.12 NDAS Setup

1. Press "SETUP" on remote control for moving to setup screen. On that screen, select "NDAS" in setup screen. Choose "ON" or "OFF" to turn NDAS function on or off.

6.3.13 Internet (How to setup the Internet)

This is for how to connect Freecom MediaPlayer to the Internet.

1. After turn Freecom MediaPlayer on, press "SETUP" button and go to "SETUP" page.

2. Go to the 2nd page and select "Internet" icon and press "ENTER" button then you will get the above page.

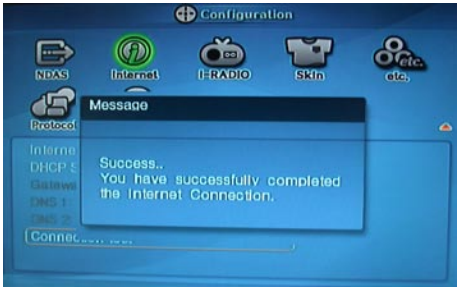
3. By using arrow buttons, go to the bottom setup.

   By using arrow & number keys, set the configuration and press "ENTER" for saving of the configuration.

4. Press "SETUP" button for the saving of the configuration.

Check the Internet connection

Go to “Connection test” to check your internet connection.



6.3.14 i-RADIO

Refer to the below how to set up the "i-RADIO" on Freecom MediaPlayer.

Note: You can use shoutcast, and your own playlists (.pls, .m3u). Playlists must be located in a folder called “i-RADIO” in the root directory of the HDD.

How to setup

1. After turn Freecom MediaPlayer on, press "SETUP" button and go to "SETUP" page.

2. Select "i-RADIO" icon and press "ENTER" button then you will get the above page.

3. By using arrow buttons, go to the bottom setup. By using arrow & number keys, set the configuration and press "ENTER" for saving of the configuration.
4. Press "SETUP" button for the saving of the configuration

Number of Server

Shoutcast has plenty of server lists, so you can limit the server number list with this function.

In case, select "Off" at the server list

Note: After you made "i-RADIO" folder at the root directory in the HDD of Freecom MediaPlayer, it shows playlists saved in pls, m3u format.

1. Press ◀ key at the main page, select "i-RADIO" icon and press "ENTER" button.

2. It shows server lists saved in the "i-RADIO" folder at the root directory. Select a list and press "ENTER" button then it plays.

All Media
(#1 - 456/900) .977 The Hitz Channel
(#2 - 460/900) .977 The Hitz Channel
(#3 - 469/900) .977 The Hitz Channel
(#4 - 471/900) .977 The Hitz Channel
(#5 - 473/900) .977 The Hitz Channel
(#6 - 488/900) .977 The Hitz Channel
(#7 - 494/900) .977 The Hitz Channel
(#8 - 502/900) .977 The Hitz Channel
(#9 - 511/900) .977 The Hitz Channel
(#10 - 525/900) .977 The Hitz Channe
(#11 - 529/900) .977 The Hitz Channe
Path: http://scfire-chi-aa02.stream.aol.com
Size:
Date:

In case, select "Shoutcast" at the server list

1. It shows the live broadcasting server list.

2. After select a server, it shows the broadcasting lists and press "ENTER" button then it plays.

All Media
(#1 - 449/900) .977 The Hitz Channel
(#2 - 466/900) .977 The Hitz Channel
(#3 - 467/900) .977 The Hitz Channel
(#4 - 468/900) .977 The Hitz Channel
(#5 - 489/900) .977 The Hitz Channel
(#6 - 494/900) .977 The Hitz Channel
(#7 - 499/900) .977 The Hitz Channel
(#8 - 500/900) .977 The Hitz Channel
(#9 - 502/900) .977 The Hitz Channel
(#10 - 511/900) .977 The Hitz Channe
(#11 - 521/900) .977 The Hitz Channe
Path: http://scfire-ntc-aa03.stream.aol.com
Size:
Date:

6.3.15 Skin

With skin function, you can make your own GUI (graphical user interface) of Freecom MediaPlayer.

Note: Save your own GUI or icon images in "skin1" folder at the root directory of Freecom MediaPlayer.

How to setup

1. After turn Freecom MediaPlayer on, press "SETUP" button and go to "SETUP" page.

2. Select "Skin" icon and press "ENTER" button then you will get the page below.
3. By using arrow buttons, go to the bottom setup. By using arrow & number keys, set the configuration and press "ENTER" for saving of the configuration.
4. Press "SETUP" button for the saving of the configuration.

- Skin Folder: You can make up to 10 (skin1,skin2…,skin10).
- User Color File: If "color.txt" file is in the skin folder, it is showed as the user wants. If there is no color.txt file, then the default color is showed.
- Font color: Select the font color on the GUI (default : black)
- Font color selected: Font color when it is selected (Default : White)

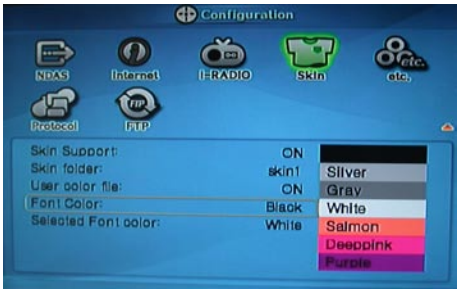
How to setup

1. Make "skin1" folder and save "GUI" or "Images" in the folder at the root directory in a HDD of Freecom MediaPlayer.

2. At Setup page of skin, select "ON" of "Skin Support" and select "Skin folder". Press "SETUP" button for saving the configuration.

3. Now, you see the changed GUI. If you can not see the font, then change the font color. (Setup Page > Skin > Change Font Color).

4. As the above, it supports several font colors.



6.3.16 Others

You can set up for sound effect and screensaver.

How to setup

1. After turn Freecom MediaPlayer on, press "SETUP" button and go to "SETUP" page.

2. Select "etc." icon and press "ENTER" button then you will get the following page.

3. By using arrow buttons, go to the bottom setup. By using arrow & number keys, set the configuration and press "ENTER" for saving of the configuration.
4. Press "SETUP" button for the saving of the configuration.

6.3.17 Protocol

1. Turn Freecom Media Player on an press the “SETUP” button.
2. Move to the “Protocol” icon an press “OK”.
3. By using the arrow keys you can set the configuration. Press “SETUP” to save the configuration.

You can select between the protocols SAMBA, UPNP, NFS and FTP.

When selecting a protocol, specific options for the selected protocol will be available in the menu.

6.3.18 FTP

This option allows to run an FTP server on the Freecom Media Player.

1. Turn the Freecom Media Player on an press the “SETUP” button.
2. Move to the “FTP” icon and press “OK”.
3. By using the arrows key you can set the configuration. Press “SETUP” to save the configuration.

   Remark: The FTP server settings can only be changed when the FTP server is off.

6.4 How to Play (Remote Control)

6.4.1 Basic Screen Menu

Mode Selection

The Mode Selection screen is the first screen that appears when the Freecom MediaPlayer is switched on. In this screen, you can select HDD (built-in), USB (external USB device), LAN (wired network), WIRELESS (wireless network). You can select one out of them.

HDD: Built-in HDD, USB: external USB device, LAN: wired network, WIRELESS: wireless network.

Each Mode icon is activated when connecting to an external device the right Mode is automatically selected.

Built-in HDD or external USB device

Following example is in case of a built-in HDD and the external USB device.

1. In the Mode Selection screen select the 'HDD' or 'USB' icon and press "OK".

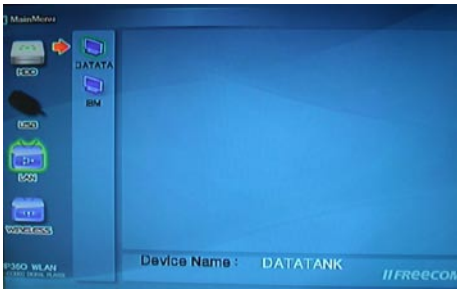
2. The HDD or the USB data is displayed. Select a file and press "OK" to play that file.

Wired & Wireless Network

Following example is in case of a wired network or a wireless network.

1. In the Mode Selection screen select the 'LAN' or 'WIRELESS' icon and press "OK".

2. A list of all the PC's on the network is displayed. To access a PC on the network select that PC and press "OK"



3. The shared folder of the PC is displayed. Select a file and press "OK" to play that file.

Refresh Network PC

To refresh the Network's PC list press "STOP".

File Selection

To play a file, select it and press "OK".

Function and Button Descriptions

Remote Control	Function	Descriptions
MENU	Menu Icon	Menu Icon is displayed including 'Play one, Play all and Play-list'. Press again for returning file selection screen.
▲▼◀▶	Navigation Key	Navigation key
PREV ⏮	Move by page	In case of two or more file list page, move to previous page.
NEXT ⏭	Move by page	In case of two or more file list page, move to next page.
SLOW (↩)	Up directory	Return to up directory.
DEVICE	Mode Selection	Return to HDD, USB, LAN, WIRELESS selection screen.
OK	Playback	Play a file.
SELECT (Number 1.)	Register a file at Play-List	Use when registering a file at Play-List. After selecting a file, move to "MENU > Play-List"
SELECT ALL (Number 2.)	Register all files at Play-List	Use when registering all files at Play-List. After selecting files, move to "MENU > Play-List"
MOVIE	Movie Mode	Only Movie files are displayed.
MUSIC	Music Mode	Only Movie files are displayed.
PHOTO	Photo Mode	Only Photo files are displayed. After pressing "PHOTO", you can use photo slide show.

ALL MEDIA	**All Media Mode**	All media files are displayed including movie, music and photo.
INFO	-	Current information of Player is displayed.
TV OUT	**Video Out Signal**	When pressing this button, video output signal is changed repeatedly.(If you can not see normal screen, press this button repeatedly until returningnormal screen.
Brt.CONT	**Control luminosity, color depth, brightness**	When pressing this button, 3 modes switch. After selecting a mode, change settings with ▲▼ arrow buttons.
SETUP	-	Go to setup screen.

Play All Files or Play One File

There are two Play modes:

Play All Files: Plays a selected file and continues to play all files in the directory and subdirectory.

Play One File: Plays the selected file and stops.

To switch Play modes press "MENU" and move to the 'Play mode' icon. Change the mode in 'Play all' or 'Play One' and press "OK". Press "MENU" to save configurations.

Refresh Network

To refresh the Network's PC list press "STOP".

Jump to first or last page

There might to be two or more list pages in case of many files at directory. At the time, conveniently jump to first or last page.

Jump to last page from first page: Move to "Up Directory" on the top of first page and press " ▲ " or "Previous".

Jump to first page from last page: Move to the last file on last page and press " ▼ " or "Next".

Full directory path

To make a directory path fully visible, press "Scr. Size".

6.4.2 Play Video Files

Select a file and press "OK".

While viewing a file, you can press "MENU" to enter the 'Tool Box Menu'. This 'Tool Box' has a detailed play back function.

Function and Button Descriptions

Remote Control	Function	Descriptions
MENU	Tool Box	Tool Box is displayed. For returning to playback, press again.
OK ▶II	Playback	Play file.
	Pause	When pressing while playing a file, pause the playback. For returning to playback, press again.
NEXT ▶▶I	Playback Next File	Play next file after a current playback file. Play mode must be "Play all" in order to use this function.
PREV I◀◀	Playback Previous File	Play the previous file after a current playback file. Play mode must be "Play all" in order to use this function.
Direction ▶▶	Fast Forward	Whenever pressing this button, play speed is changed with 2x, 4x 8x, 16x, 32x in forward.
Direction ◀◀	Rewind	Whenever pressing this button, play speed is changed with 8x, 16x, 32x in backward.
SLOW	Playback Slow	Play slowly 1/2x, 1/4x, and 1/8x whenever pressing this button.
SEARCH	Jump to Preferable Playback Time	Move to a selected time of a file.Enter your preferable playback time with "Number" and press "OK", or use timesearching bar)
VOLUME +	Volume Up	Volume up.
Direction ▲		
VOLUME -	Volume Down	Volume down.
Direction ▼		
MUTE	Sound Off	Mute the sound. In order to hear sound, press this button again.

SUBTITLE	**Subtitle Move & Size**	It is possible to change subtitle size and location. ◀▶ arrow button changes size and ▲▼ arrow button changes location. After doing, press "OK".
	Subtitle Sync	It is possible to set the subtitle sync. With ◀▶ (one second) ▲▼ (60 second) when motion and subtitle sync is not matched.
	Subtitle Select or Hide	The subtitle name same as video file is displayed on screen automatically. However, it is possible to open the other preferable subtitle files or hide.
	Subtitle Language Select	It is possible to switch each subtitle language when the subtitle is dual language format, for example, including a local language and English. When selecting "Discriminating subtitle language", first subtitle language will be displayed.
BOOMARK	**Specific Playback-Time Memory**	Save specific playback time when pressing this button. If you want to see bookmark list, press "BOOKMARK" on file selection screen.
AUDIO	**Dual Audio**	It is possible to switch each audio language when the audio format is dual-audio, for example, including a local language and English.
INFO	**Show File Information**	Show the file information which is being played. In order to hide the information, press this button again.
Brt. CONT	**Control luminosity, color depth, brightness**	When pressing this button, 3 modes switch. After selecting a mode, change settings with ▲▼ arrow buttons.

6.4.3 Play DVD Files

The DVD manager function supports playing original DVD's and Ripped DVD files.

Make a folder and save all the ripped files in this folder, connect to the TV or Monitor and select the 'VIDEO_TS.IFO' file in this folder.

Make sure that all the ripped files including VIDEO_TS.IFO from one DVD title are located in one folder.

The DVD Manager function will not work if you can not find the 'VIDEO_TS.IFO' file among the ripped files from an original DVD title, DVD manager function will not work.

Move to the folder with the ripped DVD files.

Select the 'VIDEO_TS.IFO' file and press "OK".

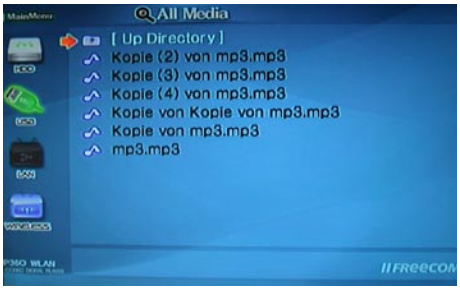
Function and Button Descriptions

Remote Control	Function	Descriptions
AUDIO	**Dual Audio**	It is possible to switch each audio language when the audio format is dual-audio, for example, including a local language and English.
SUBTITLE	**Select Subtitle Type**	Subtitle type will be changed whenever pressing this button.
Scr. SIZE	**Screen Size**	Screen size will be changed when pressing the button.

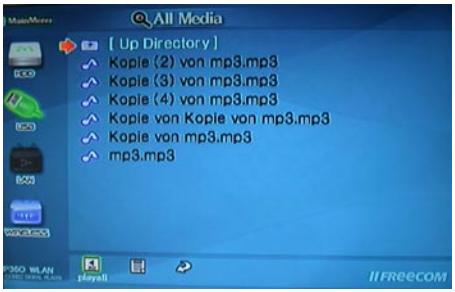
MENU	**Go to Menu**	Move to main menu while playing DVD.
SLOW	**Playback Slow**	Play slowly 1/2x, 1/4x, and 1/8x whenever pressing this button.
REPEAT	**Chapter, Title Repeat**	Set chapter, title repeat.
A-B REPEAT	**A-B repeat**	Set the A-B repeat.
TITLE	**Go to Title Menu**	Move to title menu while playing DVD.
ANGLE	**Angle**	Apply angle function.
INFO	**Show File Information**	Show the file information which is being played. In order tohide the information, press this button again.
SEARCH	**Jump to Preferable Playback Time**	Move to a selected time of a file. (It is not possible to use time searching bar.)
Brt. CONT	**Control luminosity, color depth,brightness**	When pressing this button, 3 modes switch. After selecting a mode, change settings with ▲▼ arrow buttons.
NEXT ▶▶I	**Playback Next Chapter**	Play next chapter.
PREV I◀◀	**Playback Previous Chapter**	Play previous chapter.
▶▶	**Fast Forward**	Whenever pressing this button, play speed is changed with 8x, 16x, 32x, 48x in forward.
◀◀	**Rewind**	Whenever pressing this button, play speed is changed with 8x, 16x, 32x, 48x in backward.
OK ▶II	**Playback**	Play 'Video_ts.ifo' file.
	Pause	Pause playback, if pressing this button when a file is being played. In order to play again, press this button again.
VOLUME +	**Volume Up**	Volume Up.
Direction ▲		
VOLUME -	**Volume Down**	Volume Down.
Direction ▼		
MUTE	**Sound Off**	Mute the sound. In order to hear sound, press this button again.

6.4.4 Play Audio Files

Select a file and press "OK".



While viewing a file, you can press "MENU" to enter the 'Tool Box Menu'. This 'Tool Box' has a detailed play back function.



Function and Button Descriptions

Remote Control	Function	Descriptions
MENU	Tool Box	Tool Box is displayed. For returning to playback, press again.
OK	Playback	Play file.
	Pause	When pressing while playing a file, pause the playback. For returning to playback, press again.
NEXT ▶▶|	Playback Next File	Play a next file after a current playback file. Play mode must be in Play all in order to use this function.
PREV |◀◀	Playback Previous File	Play a previous file after a current playback file. Play mode must be in Play all in order to use this function.
▶▶	Fast Forward	Whenever pressing this button, play speed is changed with 2x, 4x 8x, 16x, 32x in forward.
◀◀	Rewind	Whenever pressing this button, play speed is changed with 8x, 16x, 32x in backward.
SEARCH	Jump to Preferable	Move to a selected time of a file.
	Playback Time	Enter your preferable playback time with "Number" and press "OK".
VOLUME + Direction ▲	Volume Up	Volume Up. It is not possible to use this button when manual subtitle is displayed while playing audio file.
VOLUME - Direction ▼	Volume Down	Volume Down. It is not possible to use this button when manual subtitle is displayed while playing audio file.
MUTE	Sound Off	Mute the sound. In order to hear sound, press this button again.
INFO	Show File Information	Show the file information which is being played. In order to hide the information, press this button again.
Brt. CONT	Control luminosity, color depth, brightness	When pressing this button, 3 modes switch. After selecting a mode, change settings with ▲▼ arrow buttons.

MP3 Subtitle

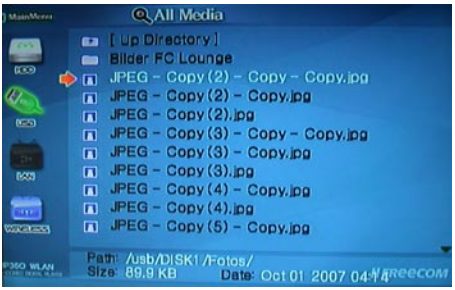
It is possible to show MP3 subtitles if the MP3 file supports this feature.

The MP3 file which supports subtitles is made in the 'driver caption editor' program, it doesn't support the LDB program.

While viewing a file, you can press "MENU" to enter the 'Tool Box Menu'. This 'Tool Box' has a detailed play back function.

6.4.5 Play Photo Files

Select a file and press "OK".


All Media
[Up Directory]
Bilder FC Lounge
JPEG - Copy (2) - Copy - Copy.jpg
JPEG - Copy (2) - Copy.jpg
JPEG - Copy (2).jpg
JPEG - Copy (3) - Copy - Copy.jpg
JPEG - Copy (3) - Copy.jpg
JPEG - Copy (3).jpg
JPEG - Copy (4) - Copy.jpg
JPEG - Copy (4).jpg
JPEG - Copy (5) - Copy.jpg
Path: /usb/DISK1/Fotos/
Size: 89.9 KB
Date: Oct 01 2007 04:14

When pressing "MENU" while playing a file, "Tool Box Menu" is displayed. Tool Box allows using detailed playback function.

Function and Button Descriptions

Remote Control	Function	Descriptions
MENU	**Tool Box**	Tool Box is displayed. For returning to playback, press again.
OK ▶II	**Playback**	Play file.
	Pause	When pressing while playing a file, pause the playback. For returning to playback, press again.
NEXT ▶▶I	**Playback Next File**	Play a next file after a current playback file. Play mode must be in Play all in order to use this function.
PREV I◀◀	**Playback Previous File**	Play a previous file after a current playback file. Play mode must be in Play all in order to use this function.
INFO	**Show File Information**	Show the file information which is being played. In order tohide the information, press this button again.
Brt. CONT	**Control luminosity, color depth, brightness**	When pressing this button, 3 modes switch. After selecting a mode, change settings with ▲▼ arrow buttons.

Photo Slide Show

You can use the 'Play All' mode as a photo slide show.

Music Slide Show

Make a 'music' folder (in a small letter not a capital letter at root directory) of built-in HDD and save MP3 files at the folder. If the HDD is divided into two or more partitions, make a 'music' folder at first partition.

When you play one or all photo files, you can listen MP3 and see photo slide show together.

However, if there is just networking computer (not built-in HDD), you cannot listen MP3. Freecom MediaPlayer just detect MP3 files at built-in HDD's music folder. At that time, before playing photo files, set the Photo mode with pressing "PHOTO" button.

Set the playback interval time

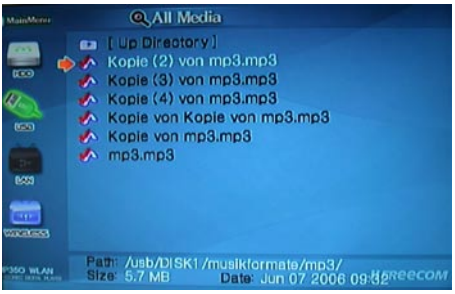
To set the play back interval time for the slide show press "SETUP" and choose an interval time.

6.4.6 Make a Play List

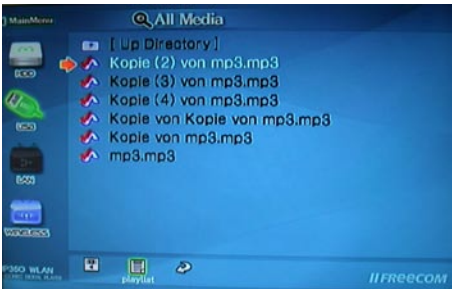
You can create a preferred play list.

The preferred play list will be erased after rebooting the Freecom MediaPlayer.

1. Select your preferred files with "SELECT" or "SELECT ALL".



2. Press "MENU" and select 'Play list'.



3. The play list screen appears and displays the following:

- Play: play the preferred files
- Cancel: close the play list
- Move up, down: change to another file
- Shuffle: play files randomly
- Delete: delete the selected file
- Delete all: delete all files in the play list

6.4.7 Remote Control

In this chapter the basic use of the remote control is described. For a more detailed description we refer to chapters '6.4.1 Basic Screen Menu', '6.4.2 Play Video files', '6.4.3 Play DVD files', '6.4.4 Play Audio files', '6.4.5 Play Photo files' and '6.4.6 Make a Play List'.

POWER:	Turn On / Off
TITLE:	Go to Title Menu
SUBTITLE:	Select Subtitle Type
Scr. SIZE:	Screen Size
ANGLE:	Angle
REPEAT:	Chapter, Title Repeat
A-B REPEAT:	A-B repeat
Brt. CONT:	Control luminosity, color depth, brightness
SLOW :	Playback Slow
▲▼◀▶	Navigation key
STOP:	Stop
OK :	Playback / Pause
▶▶ :	Fast Forward
◀◀ :	Rewind
PREV :	Move by page
NEXT :	Move by page
DEVICE:	Mode Selection
MENU:	Tool Box
SETUP:	Go to setup screen.
INFO:	Show file information
SEARCH:	Jump to Preferable / Playback Time
AUDIO:	Dual Audio
TV OUT:	Video Out Signal
MOVIE:	Movie Mode
MUSIC:	Music Mode
PHOTO:	Photo Mode
ALL MEDIA:	All Media Mode
SELECT:	Register a file at Play-List
SELECT ALL:	Register all files at Play-List
MUTE:	Sound Off
VOLUME (+):	Volume up
VOLUME (-):	Volume down
BOOKMARK:	Specific Playback Time Memory

Insert/Change Battery

1. Pull the battery tray out of the remote control completely.
2. Put the enclosed battery on the tray.
3. Insert the tray into the remote control

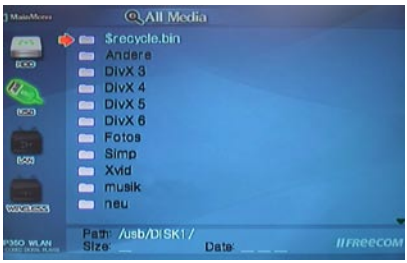
6.4.8 USB Host

How to eject the tray of external USB ODD (Optical Disk Drive)?

Stop playback and press number "3" button in order to eject the tray of external USB ODD. In addition, original DVD title with CSS Lock should not be played when connecting with USB host, but it is possible to play other format like XviD.

The Freecom MediaPlayer might not be compatible with some external USB devices. There are so many external USB devices, and specific products might not be compatible. We do not guarantee compatibility with all kinds of external USB devices.

Connect your external USB device to USB host port of Player. USB icon shall be activated on file selection screen. Selecting USB icon, and the files in USB device shall be displayed.



6.4.9 Others

Change Background Image

Change the Background Image on the Freecom MediaPlayer by selecting a picture file and saving it as 'mybg.jpg' in the root directory of the built-in HDD.

(An image of 720x480 pixels is recommended).

Firmware Upgrade

Download an upgrade file from a local distributor in your country or visit:

www.freecom.com/support.

Connect the Freecom MediaPlayer to a TV set and turn it on, select the upgrade file and press "OK". The upgrade will progress automatically.

To check the firmware, press "SETUP" in the setup screen.

Select the file and press the "INFO" button to display the current firmware version.

Chapter 7: Technical Specifications

Product Name	Freecom MediaPlayer
Power	5V 1.5A /12V 1.5A
Weight	564 g (without HDD & wireless antenna)
Dimension	57 x 150 x 185 mm (without wireless antenna)
Available OS	USB Device Compatible: Windows 2000/XP/Vista, Mac OS X v10.3 higher NDAS Compatible: Windows 2000/XP/Vista, Mac OS X
USB Device	Device Port x 1ea, 480Mbps USB 2.0 (USB 1.1 compatible)
USB Host	Host Port x 1ea, 480Mbps USB 2.0 (USB 1.1 compatible)Supporting to read USB devices like External USB HDD, ODD, Flash Drive, Card Reader
Wired LAN	10/100 Mbps LAN (RJ-45. x 1ea, 100BaseTx: UTP/STP Category 5 LAN cable compatible
Wireless LAN	54 Mbps IEEE802.11g, 5dBi detachable antenna x 1ea, SMA type connector
HDD Type	3.5" IDE HDD
HDD File System	NTFS / FAT32
TV Type	NTSC / PAL
Video Format	AVI : MS-MPEG4v3/XviD/WMV9 (Not support XviD which has GMC option applied) WMV : WMV9 ASF : WMV9 MP4 : MPEG4 Video DAT : MPEG1 VOB : MPEG2 MPG/MPEG : MPEG1/MPEG2 TP/TS/TRP : HD-MPEG2/SD-MPEG2
Audio Format	MP3, OGG, WAV, WMA
Photo Format	JPG/JPEG, PNG, BMP
Video Output	COMPOSITE S-VIDEO HD COMPONENT Y, Pb, Pr (480p, 720p, 1080i) HD DVI (480p, 720p, 1080i, 1080p

Audio Output	STEREO L-R S/PDIF Digital Output (Coaxial/Optical)
Working Temperature	10˚C ~ 35˚C
Working Humidity	10% ~ 50%

WARRANTY
(valid in Europe/Turkey only)

We thank you for purchasing this Freecom product and hope you will enjoy using it.
In order to avoid unnecessary inconvenience on your part, we suggest reading the quick install guide, instruction manual and any additional electronic and or printed manuals. When problems occur we have a database with Frequently Asked Questions (FAQ) on our Freecom website (www.freecom.com), please check this site before you contact the helpdesk.

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1 YEAR WARRANTY